

**Report to the 122<sup>nd</sup> Maine Legislature**

## **Status of Licensed Discharges**

**Joint Standing Committee on Natural Resources**

**Senator Scott Cowger, Chair**

**Representative Theodore Koffman, Chair**

**Prepared by the:**

**Department of Environmental Protection**

**Bureau of Land and Water Quality**

**April 1, 2005**



## **Introduction**

38 M.R.S.A. § 464.3(C) requires that, “The commissioner shall report annually to each regular session of the legislature on the status of licensed discharges.”

Included in this report is summary information on licensed discharges regarding their type, licensing, compliance, environmental performance, and enforcement status.

Licensed discharges are from sources such as Publicly Owned Treatment Works (POTWs), and commercial and industrial dischargers (Non-POTWs). For the purposes of this report these dischargers are referred to as point source dischargers.

Licensed discharges are also from sources such as small commercial and residential overboard dischargers (OBDs). Point source dischargers and OBDs are managed by separate programs within the Department. The status of point source dischargers and OBDs are summarized separately in this report.

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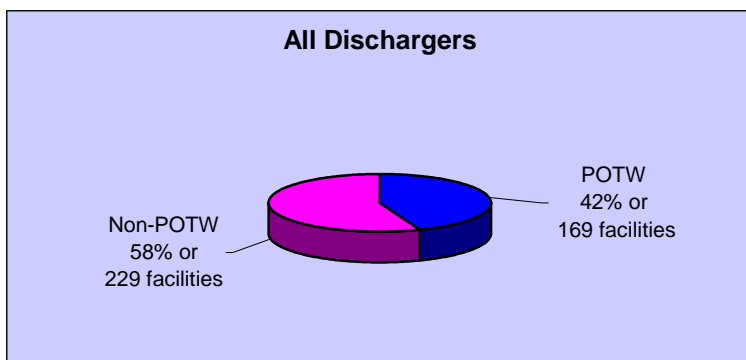
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## Summary of Point Source Discharges by Type

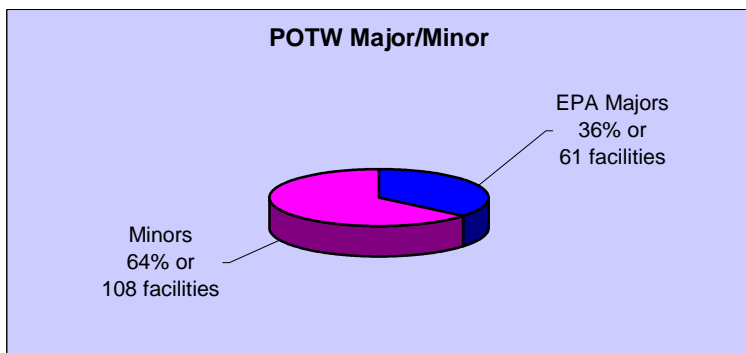
As of December 31, 2004, there were 398 licensed point source discharges in the State of Maine. Of these 398, 16 are aquaculture facilities covered under a single general permit.

The following charts provide information on a variety of aspects for these discharges.

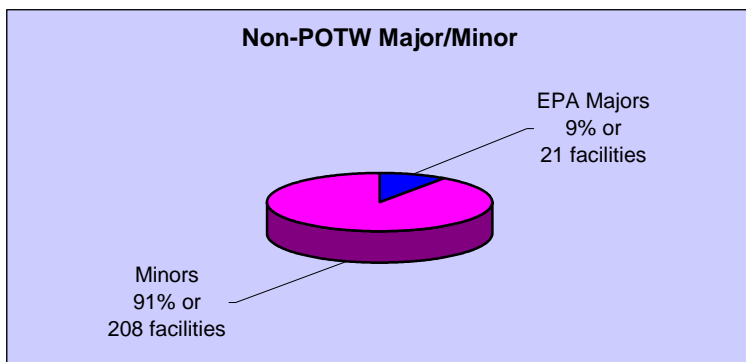
In addition, Appendices A, B, and C list all of the discharges by category and location and provide other select information about the dischargers.



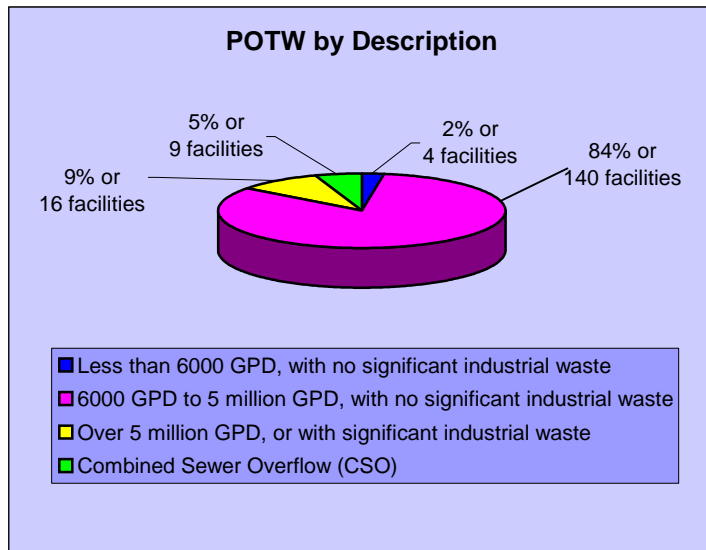
Dischargers are categorized as Publicly Owned Treatment Works (POTWs) or Non POTWs. POTWs are municipal or quasimunicipal wastewater treatment facilities that treat residential, commercial and industrial wastewater. Non POTWs comprise a variety of municipal, commercial, or industrial dischargers as indicated on page 2.



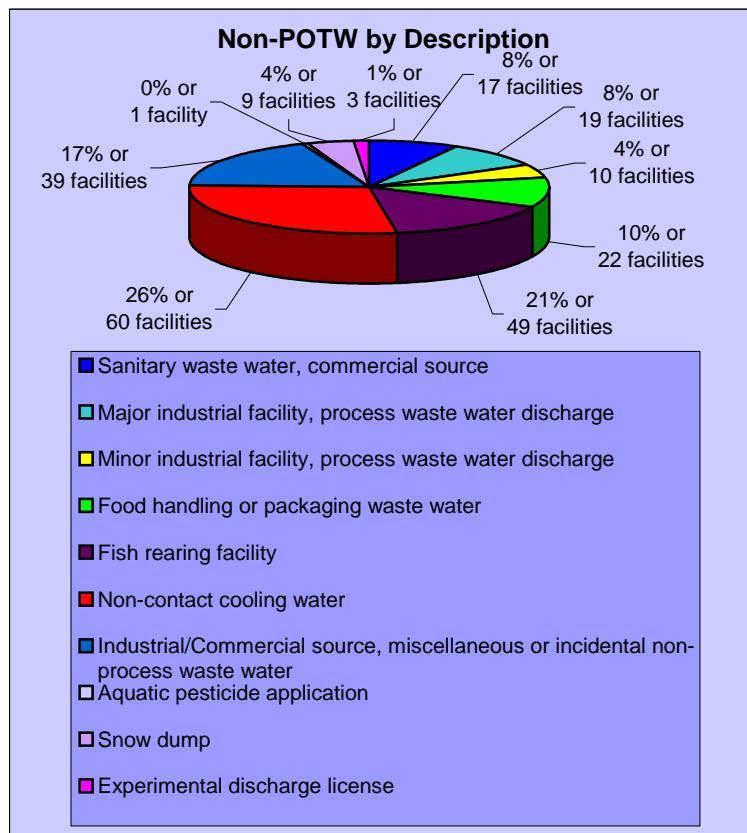
Dischargers are further categorized as Major or Minor. Major POTW dischargers are those facilities with design flows greater than one million gallons per day and facilities with approved industrial pretreatment programs. Major Non POTW dischargers are determined by rating criteria developed by the Environmental Protection Agency. Minor dischargers are those not classified as Major.



## Summary of Point Source Discharges by Type (cont'd)

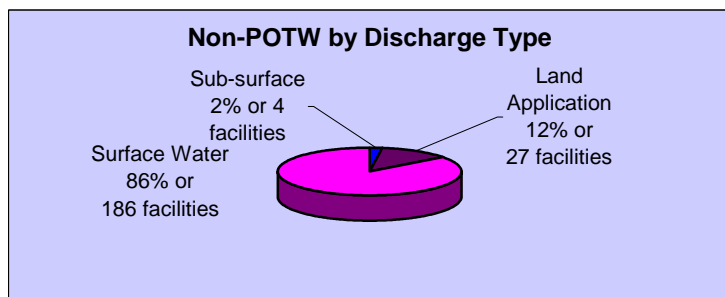
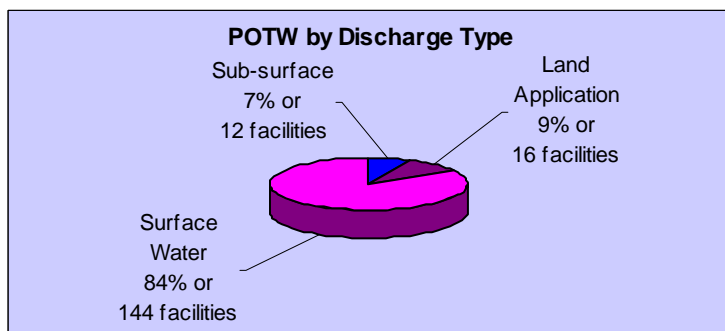


The size of POTWs varies greatly. The smallest POTW has a licensed flow of 2,000 gallons per day. The largest POTW has a licensed flow of 19.8 million gallons per day.

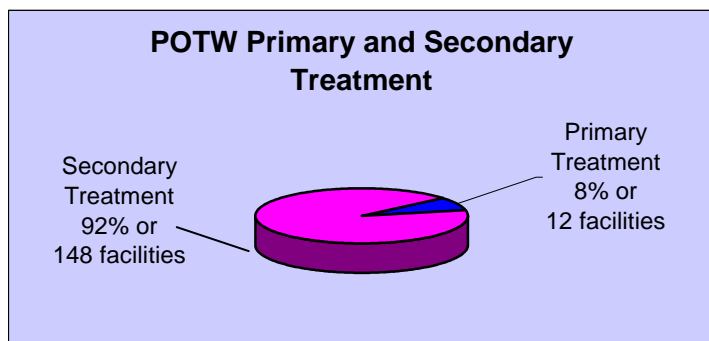


The type of Non-POTW dischargers varies greatly, from the largest paper mill that has a licensed flow of 51 million gallons per day to snow dumps.

## Summary of Point Source Discharges by Type (cont'd)



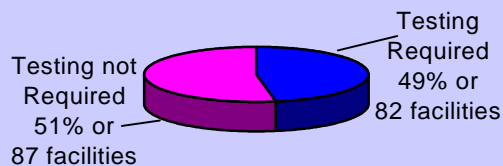
The majority of discharges are to surface waters. However, some facilities discharge via spray irrigation to land, or to subsurface systems. 7 facilities discharge in more than one way.



The majority of POTWs provide secondary treatment of wastewater. Secondary treatment is a combination of physical and biological treatment that, among other criteria, provides a minimum of 85% removal of biochemical oxygen demand (BOD) and total suspended solids (TSS). 12 POTWs that discharge to marine waters were granted a waiver by EPA, as allowed under the Clean Water Act, to provide a reduced level of treatment known as Primary Treatment. Primary treatment is a physical treatment process that provides, among other criteria, a minimum of 30% removal of BOD and TSS. (This chart does not include the 9 communities that have Combined Sewer Overflows and a sewer system that discharges to a POTW controlled by another entity.)

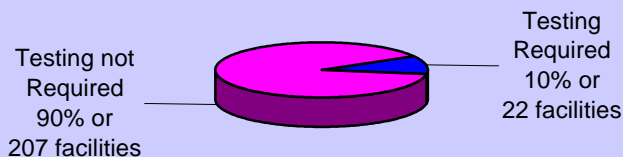
## Summary of Point Source Discharges by Type (cont'd)

### POTW Toxics Testing

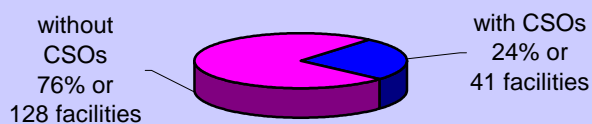


Federal and state law prohibits the discharge of toxic substances in toxic amounts. Department Regulations Chapter 530.5 specifies water quality criteria for toxic substances and the requirements to control the level of toxic substances in surface waters.

### Non-POTW Toxics Testing

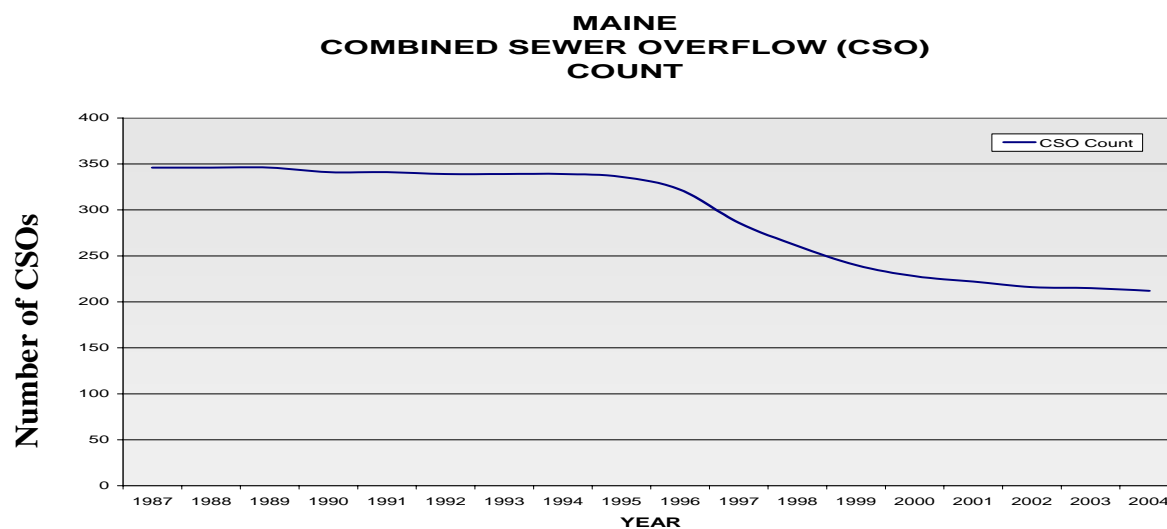
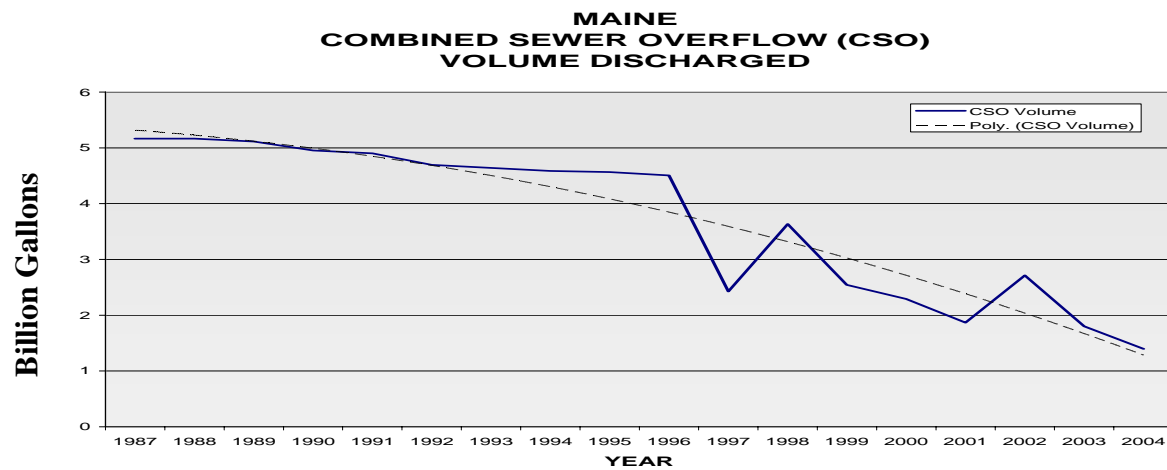
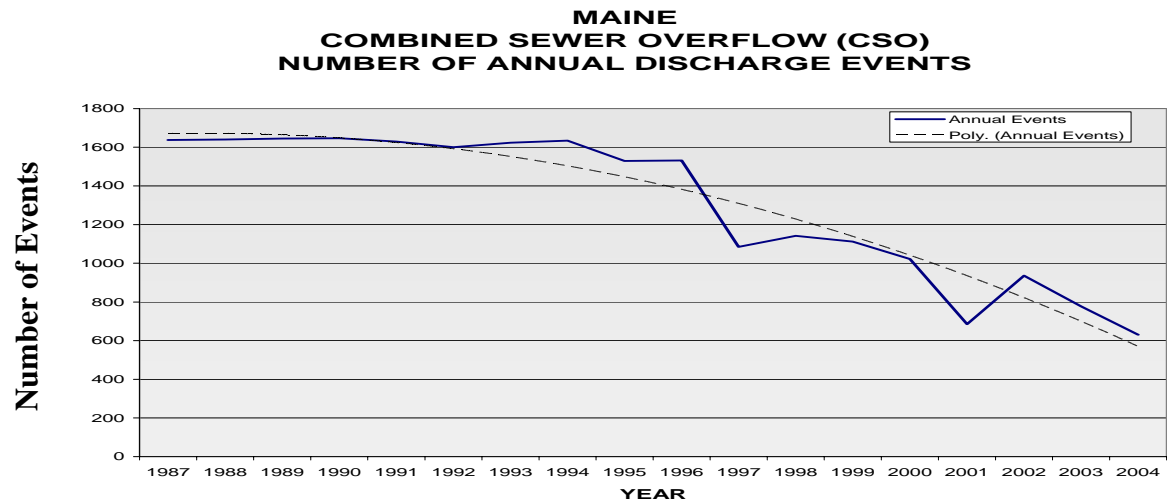


### Communities with CSOs



Some communities have Combined Sewer Overflows (CSOs). CSOs occur during storm events when a mixture of wastewater and stormwater runoff overflows a combined sewer collection system (a system that collects sanitary wastewater and stormwater in a single pipe) before receiving treatment at a POTW. These discharges of diluted untreated wastewater violate both State and Federal water pollution laws. Communities that have CSOs are required to license them with the DEP, evaluate their CSO problems, and determine cost effective solutions to abate them. A list of CSO communities and number of individual CSO points in each community is included in Appendix F. As indicated on the following page progress is being made in the abatement of CSOs. . (This chart includes the 9 communities that have Combined Sewer Overflows and a sewer system that discharges to a POTW controlled by another entity.)

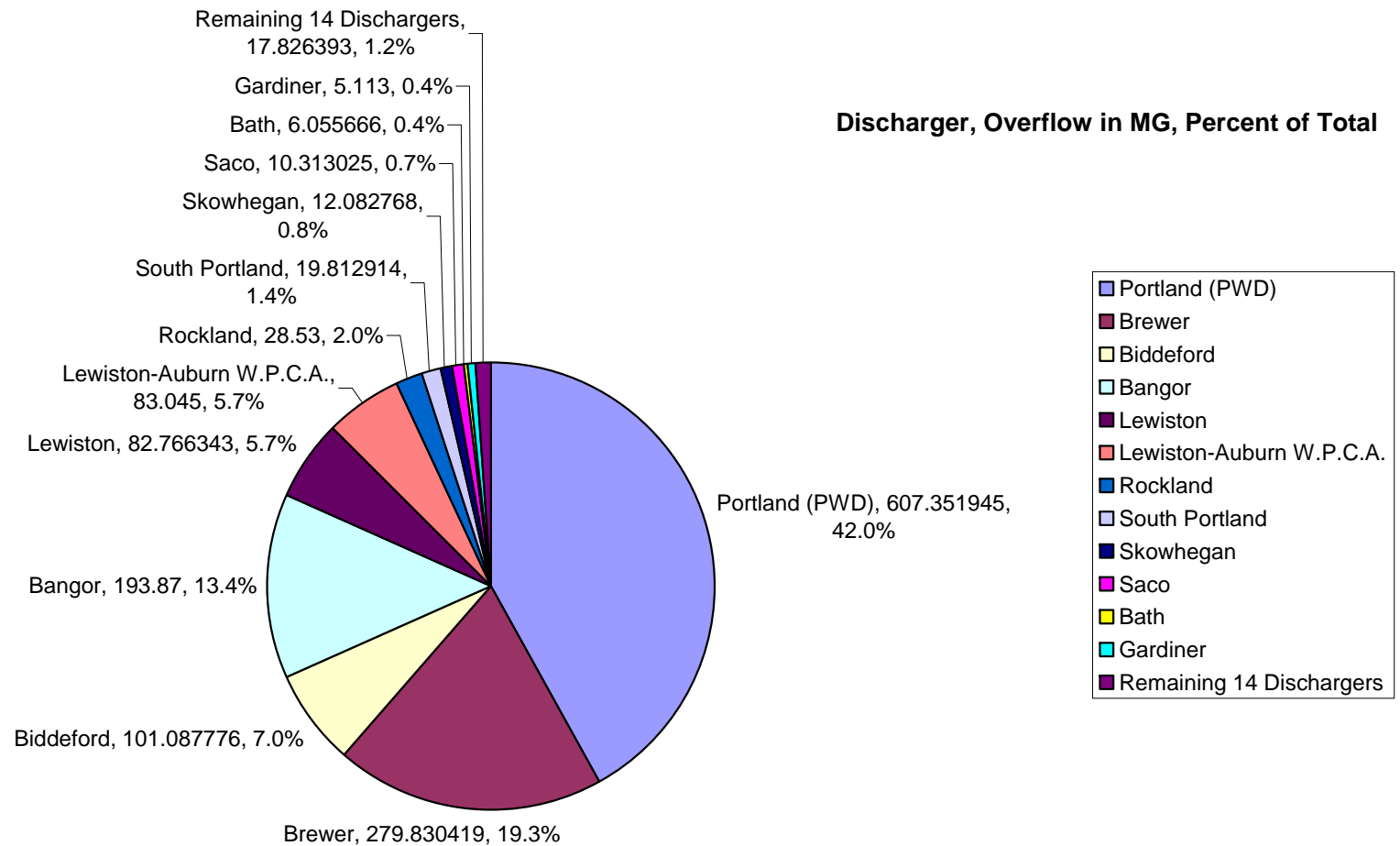
## Summary of Point Source Discharges by Type (cont'd)





## Summary of Point Source Discharges by Type (cont'd)

### 2004 CSO FLOW COMPARISON 26 DISCHARGERS - 1.45 BILLION GALLONS



## **Licensing Status of Point Source Discharges**

38 M.R.S.A. 413.1. states, “No person may directly or indirectly discharge or cause to be discharged any pollutant without first obtaining a license therefor from the department.” The discharge license establishes limits for the type and amount of pollutants that can be discharged and monitoring and reporting requirements. The Department can not issue a discharge license unless it finds that water quality will be protected.

On January 12, 2001, Maine received partial authorization from the Environmental Protection Agency (EPA) to implement the National Pollutant Discharge Elimination System (NPDES) Program. EPA withheld its decision on contested areas of the state in the upper Penobscot River watershed and certain areas in the St. Croix River watershed. On October 31, 2003 EPA granted authorization in these contested areas with the exception of two tribal facilities with discharges. EPA will retain the authority for the NPDES permits for these facilities. With this limited exception, the Department is now the primary authority for administering the Clean Water Act in Maine.

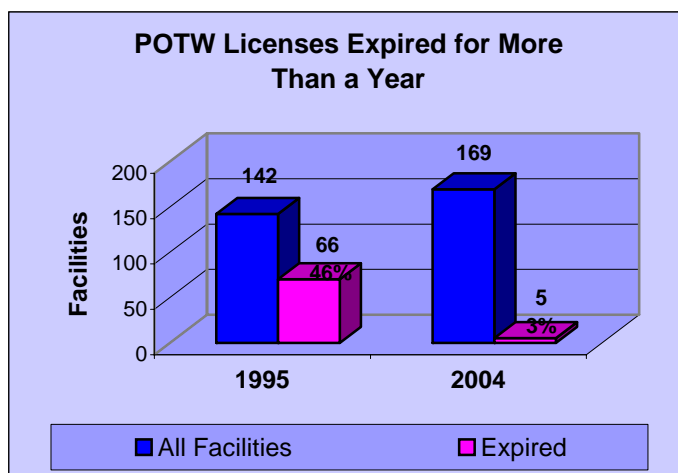
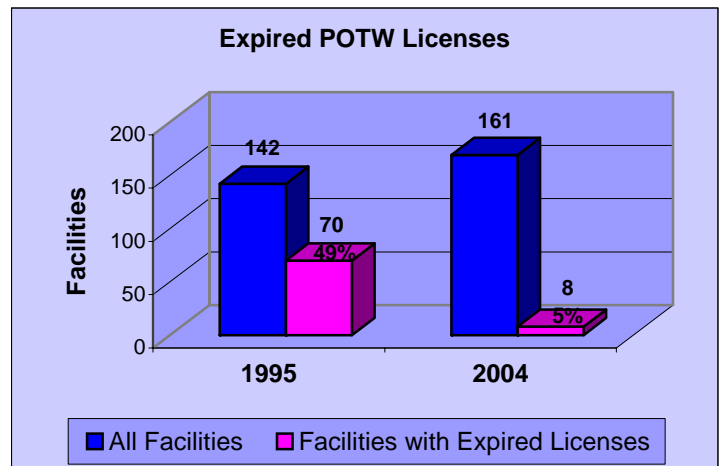
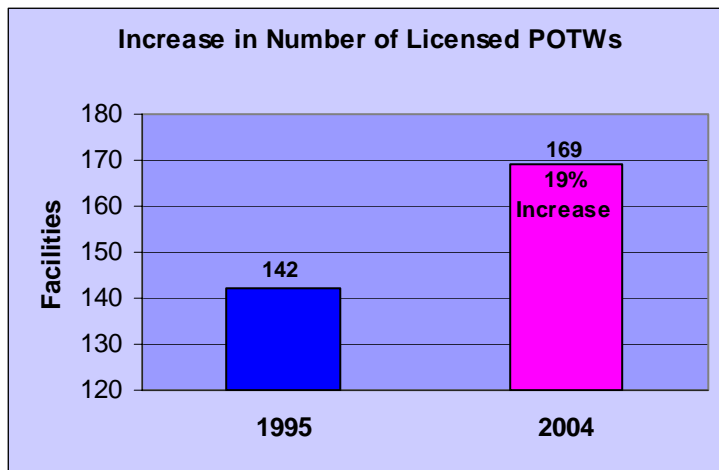
Due to historic understaffing in the Department’s waste discharge licensing program a backlog of expired license applications developed resulting in numerous dischargers operating under expired discharge licenses. As part of the NPDES delegation process, licensing staff was increased from 2 to 5. However, due to a shortfall in the General Fund, a permit writer position was eliminated in July 2004. An aggressive schedule was established in 2000 to reduce the expired license backlog to no more than 5%. In calendar year 2004, the Department completed 127 licensing actions that reduced the expired license backlog to 5%. (95% of all licensed facilities are operating with unexpired licenses.)

Appendices A, B, and C indicate the license status of all dischargers by category and location.

The charts on the following pages provide additional information on the licensing status of discharges.

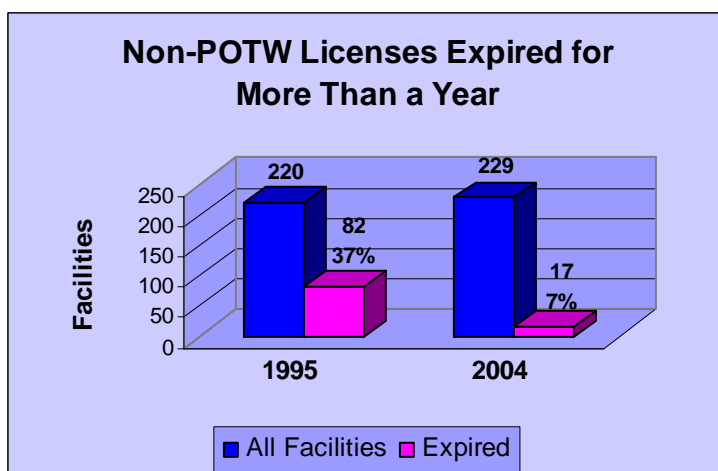
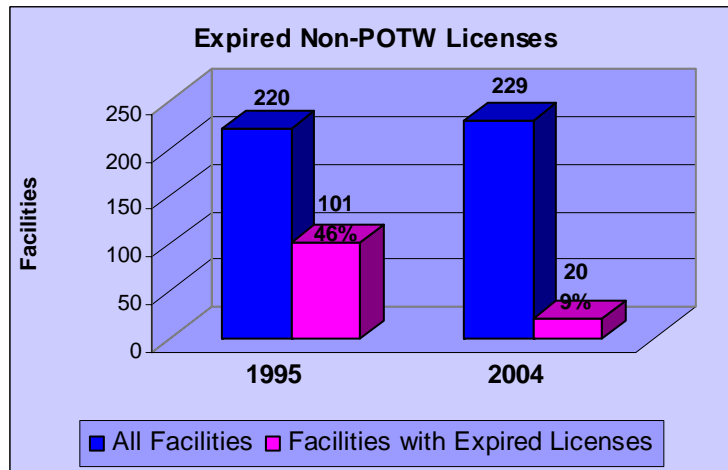
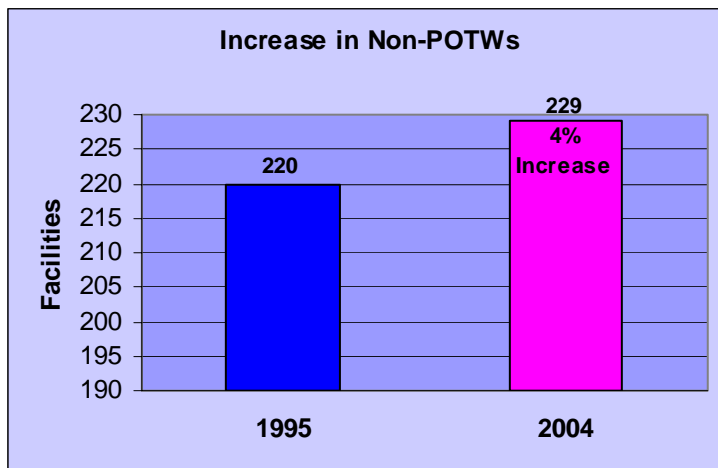
## **Licensing Status of Point Source Discharges** (cont'd)

The following 3 charts indicate changes in the number of licensed POTWs and their licensing status from 1995 through 2004.



## Licensing Status of Point Source Discharges (cont'd)

The following 3 charts indicate changes in the number of licensed Non POTWs and their licensing status from 1995 through 2004.



## **Compliance Status of Point Source Dischargers**

The Department tracks compliance with license requirements through facility inspections and review of facility monitoring data. Facilities are required to report the results of the monitoring required by the discharge license to the Department on a monthly basis in Discharge Monitoring Reports (DMRs).

The Department utilizes a variety of tools to ensure compliance at licensed facilities including voluntary compliance, education and outreach, technical assistance, licensing, facility inspections, and enforcement actions.

For the purposes of this report all licensed wastewater dischargers have been designated with a compliance status of either *Substantial Compliance*, *Significant Non Compliance (SNC)*, or *Exceptions List (EL)* for the calendar year 2005. They are defined as follows:

**Substantial Compliance:** A facility in substantial compliance will have had no violations of its wastewater license, or violations that did not exceed SNC or EL criteria.

**Significant Non Compliance (SNC):** A facility in SNC will have had two large violations, or four of any size violations, for a given parameter in a six-month period. A large violation is a *conventional pollutant* violation that exceeds its permit limit by 40% or more, or a *toxic pollutant* violation that exceeds its permit limit by 20% or more. Conventional pollutants are pollutants typical of municipal sewage, and for which secondary treatment plants are designed to treat. They are Biochemical Oxygen Demand (BOD), Total Suspended Solids (TSS), fecal coliform bacteria, oil and grease, and pH. Toxic pollutants are pollutants that may cause death, disease, behavioral abnormalities, cancer, genetic mutations, physiological malfunctions, or physical deformations. Toxic pollutants include certain metals and organic chemicals.

**Exceptions List (EL):** A facility is placed on the EL if a facility already in SNC qualifies for SNC again in the next quarter.

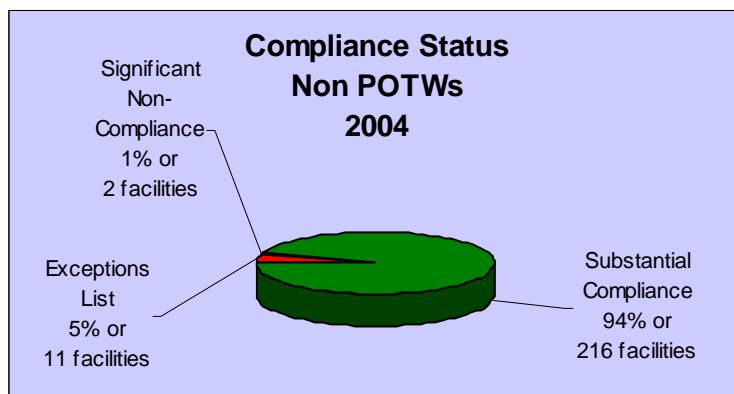
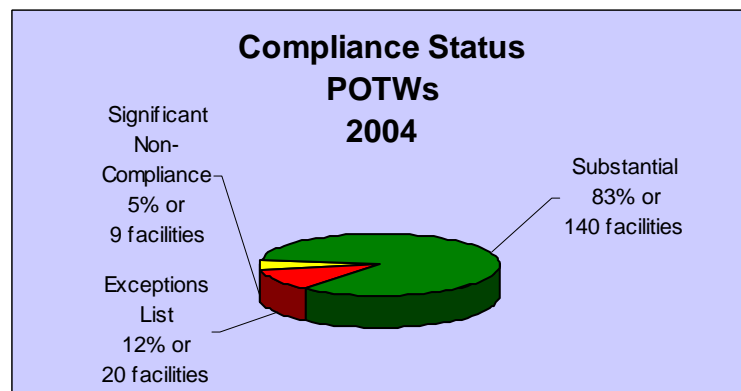
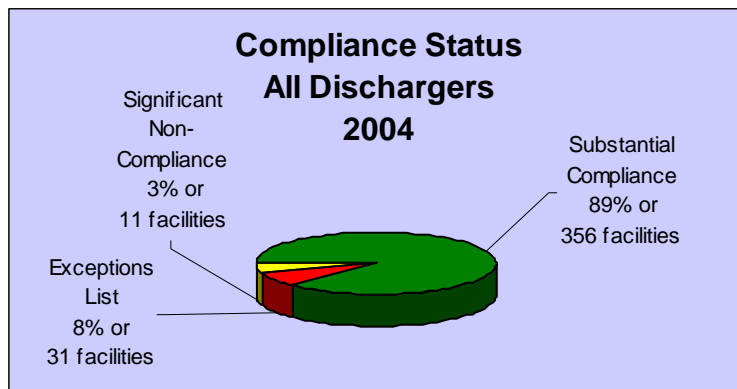
SNC and EL are compliance status criteria developed by the United States Environmental Protection Agency and utilized by the Department to track compliance. For the purposes of this report and routine compliance assessments, the Department has chosen to include all permit limits as potential SNC and EL criteria. EPA uses a more abbreviated list.

Appendices A and B indicate the compliance status of all point source dischargers by category and location.

Appendices D and E provide non-compliance summaries for point source dischargers in SNC or EL.

## Compliance Status of Point Source Dischargers (cont'd)

The following 3 charts summarize the compliance status for calendar year 2004 of licensed discharges based on SNC and EL criteria.



## **Compliance Status of Point Source Dischargers** (cont'd)

It should be noted that the Clean Water Act is unique among environmental laws in the amount of data that must be collected and reported by the licensed dischargers. Every licensed discharger is required to monitor for a variety of parameters. The amount of parameters varies from approximately 30 for large dischargers to approximately 10 for small dischargers. The parameters are monitored at varying frequencies from daily to annually based on a variety of factors. All of this data is submitted to the Department on a monthly basis. The result is that, just for the 82 Major facilities, in any given month there are approximately 16,600 opportunities for an exceedence to be measured.

To illustrate this, the following table indicates the number of violations for Biochemical Oxygen Demand (BOD) and Total Suspended Solids (TSS) (two common parameters) as a percentage of possible violations per year. This table is based on data from the largest 116 municipal and largest 16 industrial wastewater treatment facilities.

Summary of Discharge Violations				
Year	BOD		TSS	
	Number of Violations	% of Possible Violations	Number of Violations	% of Possible Violations
FY 98-99	504	2.92%	193	1.12%
FY 99-00	516	3.00%	279	1.62%
FY 00-01	226	1.32%	243	1.41%
FY 01-02	315	1.81%	117	0.67%
FY 02-03	125	0.72%	111	0.64%
FY 03-04	165	1.26%	238	1.95%

## **Environmental Performance Status of Point Source Dischargers**

The three charts on the following pages indicate discharge trends for *Biochemical Oxygen Demand (BOD)* and *Total Suspended Solids (TSS)*. This data is included as an indicator of environmental performance of select licensed dischargers for the time period indicated.

*BOD* is a measurement of the amount of oxygen utilized by the decomposition of organic material, over a specified time period (usually 5 days) in a wastewater sample; it is used as a measurement of the readily decomposable organic content of a wastewater.

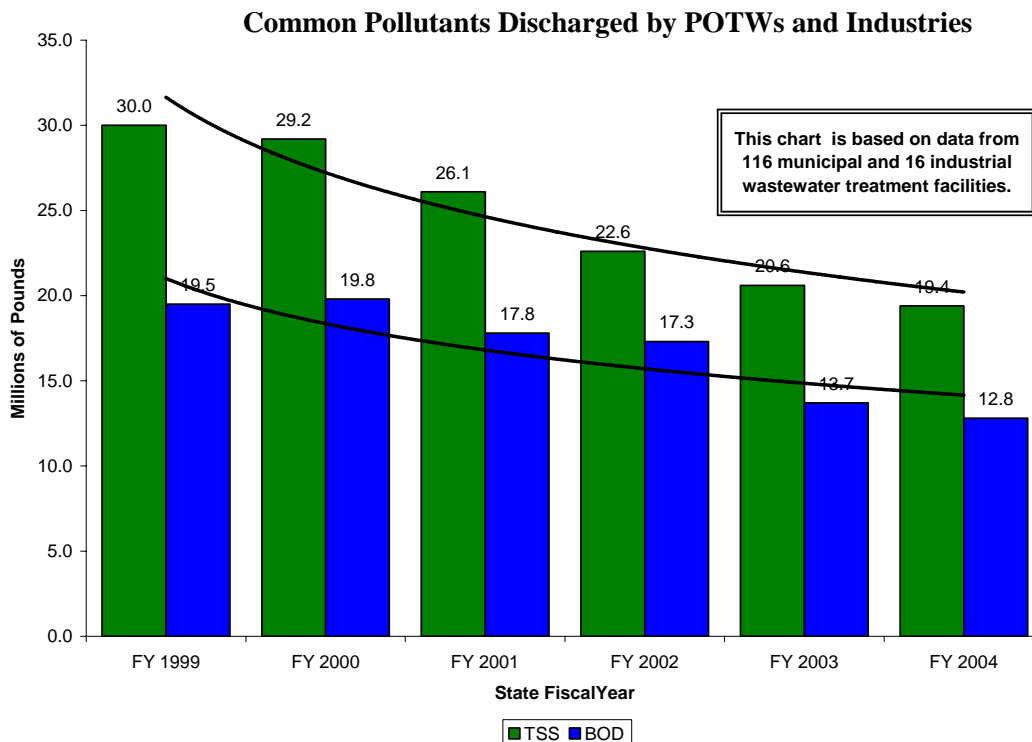
*TSS* is a measure of the filterable solids present in a wastewater sample.

Both BOD and TSS are good indicators of environmental performance of a wastewater treatment facility in terms of removal of oxygen depleting pollutants.



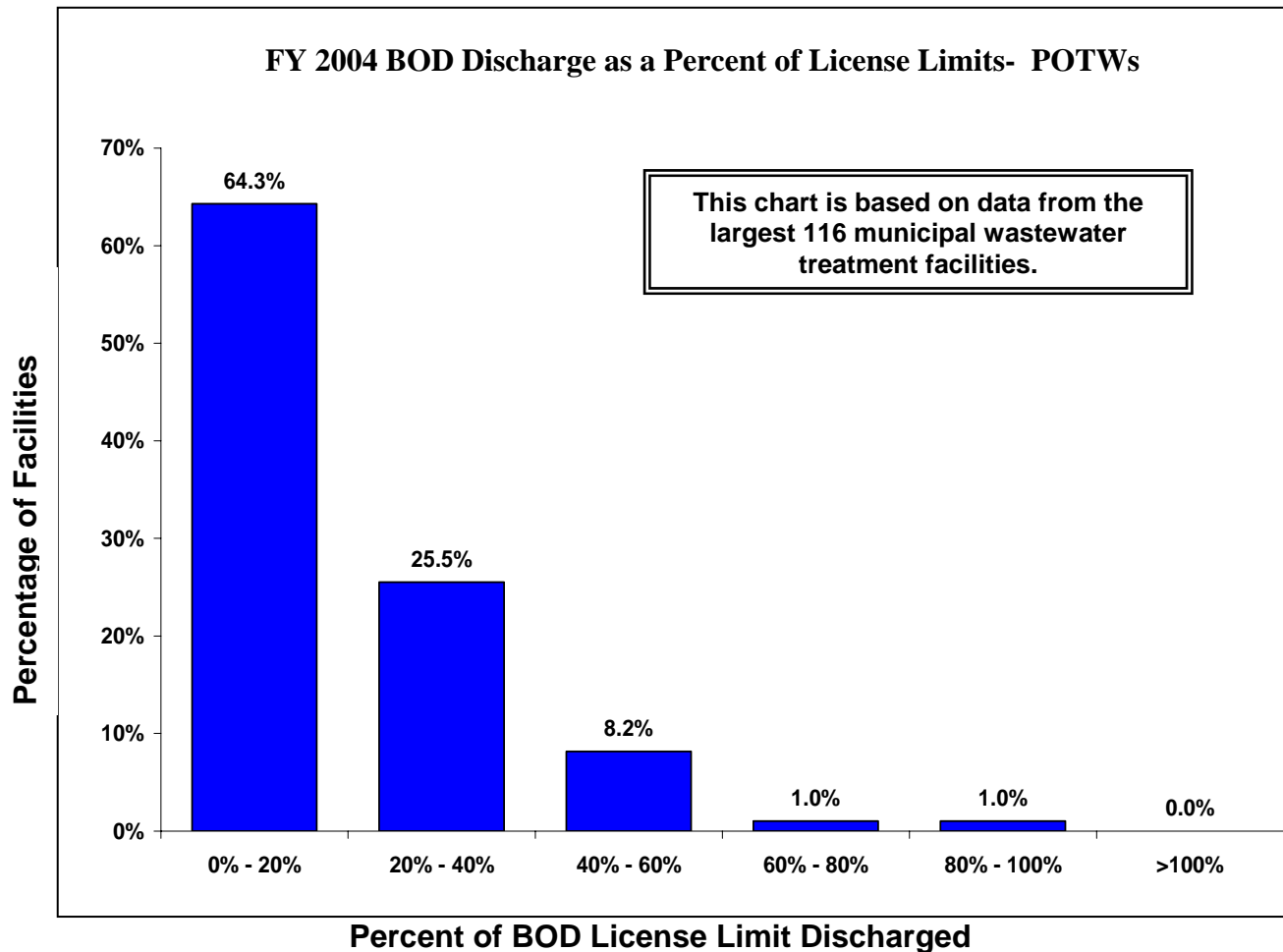
## **Environmental Performance Status of Point Source Dischargers** (cont'd)

The chart below illustrates the downward trend in the discharge of Biochemical Oxygen Demand (BOD) and Total Suspended Solids (TSS). BOD is a measurement of the amount of oxygen required for microorganisms to assimilate the organic material in wastewater. TSS is a direct measure of the solid matter suspended in wastewater. The downward trend of these two parameters can be attributed to the increased level of performance at municipal and industrial wastewater treatment facilities and the temporary or permanent closure of some industrial facilities.



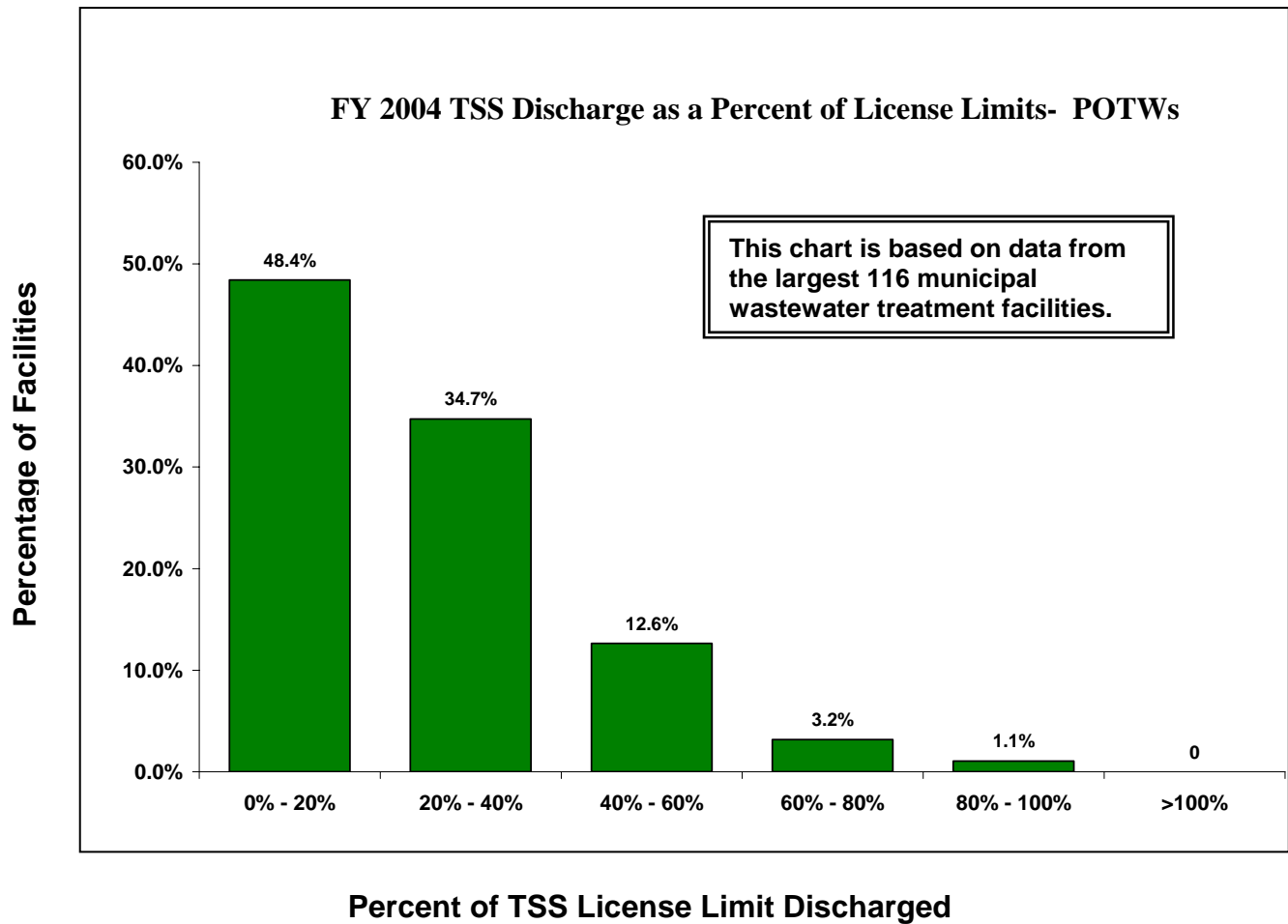
## **Environmental Performance Status of Point Source Dischargers** (cont'd)

The chart below shows the percentage of municipal wastewater treatment facilities as a function of the percentage of the BOD they are allowed, by permit, to discharge to the waters of the State. The chart indicates that more than half the municipal wastewater treatment facilities in Maine discharge less than 20% of the BOD that could be discharged, according to the permits granted to those facilities by the Department of Environmental Protection.



## **Environmental Performance Status of Point Source Dischargers** (cont'd)

The chart below shows the percentage of municipal wastewater treatment facilities as a function of the percentage of the TSS they are allowed, by permit, to discharge to the waters of the State. The chart indicates that almost half the municipal wastewater treatment facilities in Maine discharge less than 20% of the TSS that could be discharged, according to the permits granted to those facilities by the Department of Environmental Protection.



## **Enforcement Status of Dischargers**

Enforcement of license requirements is a key element in protecting water quality. While a variety of tools exist for preventing and resolving compliance problems, the Department may pursue formal, written, and legally binding resolutions to license violations where corrective action and or penalties are appropriate. The Department's preference in resolving civil enforcement actions is to reach agreements as quickly as possible that: remediate environmental damage, restore natural resources to appropriate conditions, impose penalties that capture any economic benefit gained by the violator, and deter similar action in the future. The Department uses the following enforcement tools: Letter of Warning, Notice of Violation, Administrative Consent Agreement, 80K Actions (civil prosecution in court by certified Department staff), Case Referral to the Department of the Attorney General, and enforcement by federal, other state, and local entities. *(It should be noted that the following information is for licensed dischargers only. Additional enforcement actions were also taken against a variety of unlicensed entities for violations of water quality laws.)*

<b>Enforcement Tools Utilized in 2004 to Respond to Violations</b>	
<b>Actions</b>	<b>Number</b>
Letter of Warning	35
Notice of Violation	36
Consent Agreement*	6
District Court*	3
<b>Total</b>	<b>80</b>

<b>*Consent Agreements and Court Actions Finalized in 2004</b>			
<b>Name</b>	<b>Violations</b>	<b>Penalty</b>	<b>Corrective Actions</b>
1. Portland Water District	License violations; unlicensed discharges	\$42,713	Facility studies and upgrades
2. City of Eastport	License violations	\$10,000	Improvements to disinfection system
3. Wendell Dennison	False reporting for OBD	\$10,000	Suspended jail term, 30 days; community service
4. Town of Mt. Desert	License violations	\$2,000	Eliminate treatment facility by consolidating with another in town
5. Sally Sacchetti	Nonpayment of fees for OBD	\$2,000	Pay \$1,784 in back fees
6. Gary T. Woods	Nonpayment of fees for OBD	\$387	Pay \$613 in back fees
		<b>\$67,100</b>	

## **Enforcement Status of Dischargers (cont'd)**

In addition, the following cases were referred to enforcement in calendar year 2004. As indicated below, all are under active investigation, or Administrative Consent Agreements have been initiated, or the case has been otherwise resolved without enforcement action.

Administrative Consent Agreements are likely to contain monetary penalties and corrective actions.

<b>Cases Referred to Enforcement in 2004</b>				
<b>Discharger Type</b>	<b>Number of Cases</b>	<b>Under investigation</b>	<b>Consent Agreement initiated</b>	<b>Resolved without enforcement</b>
POTW	6	3	3	0
Industrial	3	0	1	2
Commercial	3	0	1	2
Private	3	3	0	0
<b>Total</b>	<b>15</b>	<b>6</b>	<b>5</b>	<b>4</b>

## **Status of Overboard Dischargers**

Overboard Discharges (OBDs) are treated discharges to surface waters of domestic pollutants that are not conveyed and treated in municipal or quasimunicipal treatment facilities. Typical OBDs include residences, schools, and commercial establishments. As of December 31, 2004 there were 1,582 approved OBDs in the state located in 125 towns and plantations. 54% of these discharges are located in eight communities (Boothbay, Boothbay Harbor, Bristol, Georgetown, Harpswell, Southport, South Bristol, and Portland).

Since 1995, the number of approved OBDs has decreased by 563. This decline is due primarily to the OBD removal program and to public sewer line extensions. During this time, OBDs have been completely removed from forty municipalities. (Augusta, Baileyville, Bridgton, Brooklin, Caribou, Carmel, Charleston, Chelsea, Cushing, East Machias, Eastport, Enfield, Freeport, Greenville, Hancock, Harmony, Hollis, Isle Au Haut, Jonesboro, Lubec, Machias, New Gloucester, New Portland, New Vineyard, Oakfield, Ogunquit, Old Town, Orland, Passadumkeag, Pembroke, Perry, Poland Springs, Rockland, Roque Bluffs, Saco, Sedgwick, Stacyville, Sullivan, Trenton, and Waterville).

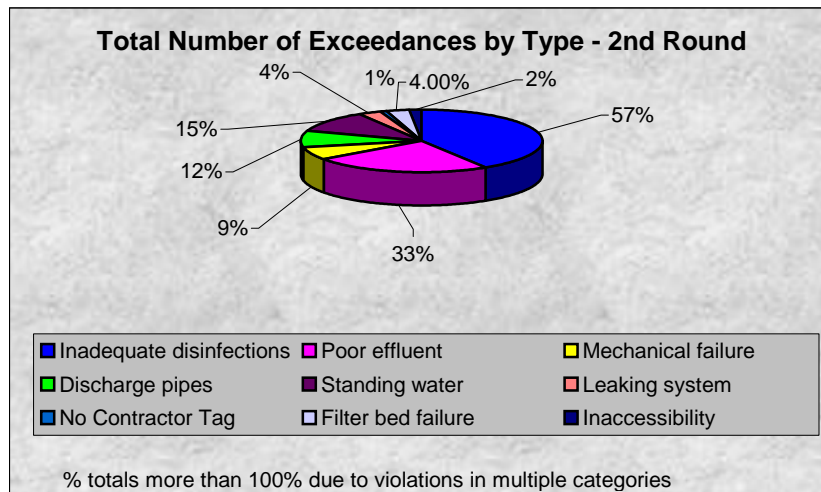
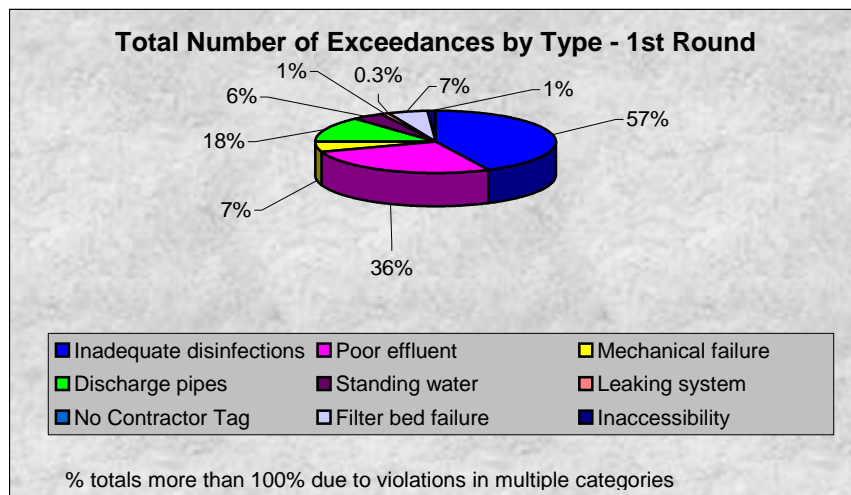
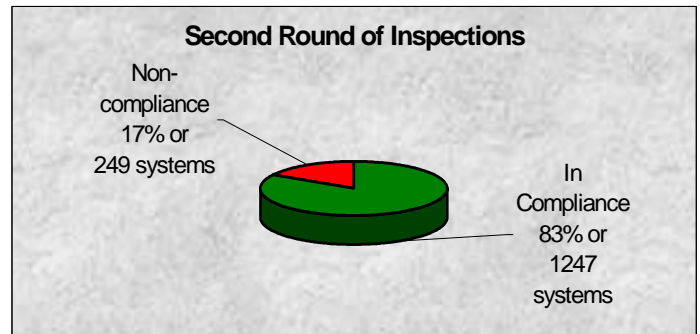
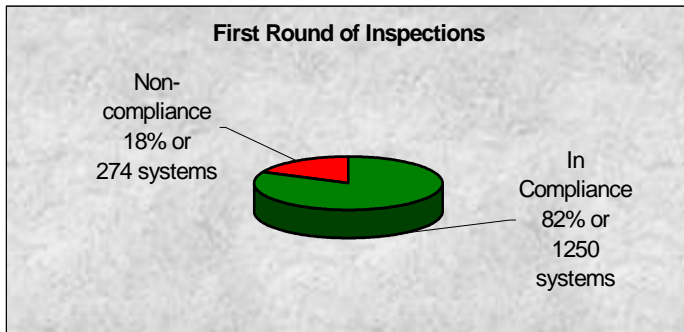
### **OBD License Status**

Currently, 49% of all approved OBDs are operating with an expired license or conditional permit. The backlog of expired licenses has been the result of historic staffing shortages and compliance efforts that have reduced the amount of time dedicated to licensing. Currently, of the 764 expired licenses, 8% have pending renewal applications accepted by the department, and 10% have been contacted regarding license renewal. A schedule has been developed for license renewal that projects elimination of the expired license backlog by 2009.

### **OBD Compliance Status - Inspections**

The vast majority of OBDs are inspected twice per year. The following four charts indicate compliance status based on 2004 inspections. If non-compliance is discovered during an inspection, the inspector will indicate the problem and suggested correction in the inspection report that is left with the system owner. The system owner is then required to correct the problem within two weeks. If the system owner fails to correct the non-compliance the Department will issue a Letter of Warning, and if needed a Notice of Violation to compel the system owner to correct the non-compliance.

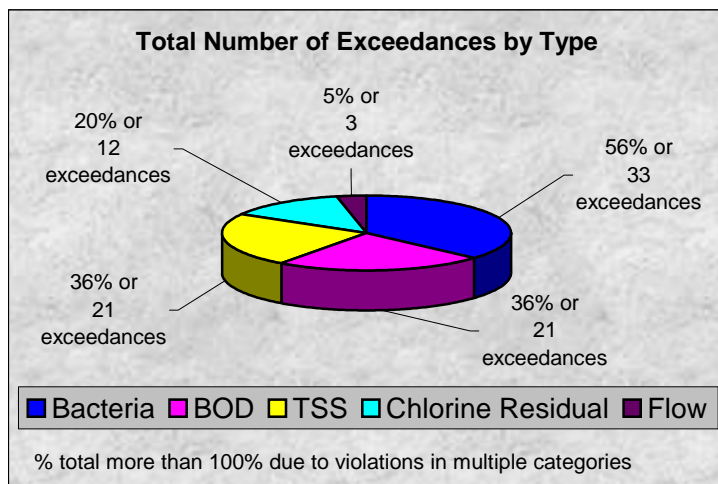
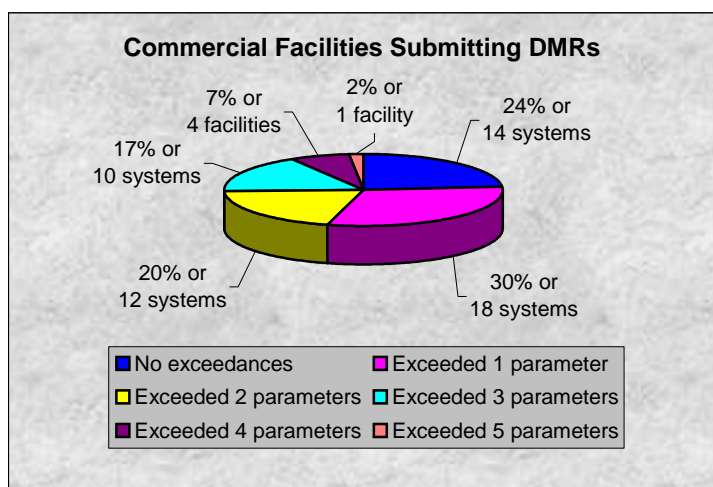
## Status of Overboard Dischargers (cont'd)



## **Status of Overboard Dischargers** (cont'd)

### **OBD Compliance Status – Commercial Facilities Discharge Monitoring Reports**

Commercial OBDs are required to periodically submit to the Department Discharge Monitoring Reports (DMRs). The DMRs indicate the results of effluent monitoring to determine compliance with effluent limits set in discharge permits. The following two charts indicate the number and type of exceedences for calendar year 2004. When an exceedence is reported to the Department the facility is also required to report the cause of the exceedence and the corrective action. The Department follows up with any facility that has not self corrected the cause of an exceedence to ensure the problem is corrected. A summary of OBD noncompliance causes and responses is attached in Appendices G and H.



### **OBD Enforcement Status**

As indicated on page 17, in 2004 enforcement actions were initiated against two OBD dischargers for non-payment of fees, and against one OBD discharger for falsification of data.



**Approved Overboard Discharges, by Location**  
**As of December 31, 2004**

The following list indicates the location of  
the 1,582 OBDs by town.

<b><u>TOWN/CITY</u></b>	<b><u>NUMBER</u></b>	<b><u>TOWN/CITY</u></b>	<b><u>NUMBER</u></b>
ADDISON	7	CRANBERRY ISLES	13
ALNA	1	CUMBERLAND	1
ARROWSIC	2	CUTLER	3
ARUNDEL	9	DAMARISCOTTA	4
BANGOR	2	DEER ISLE	17
BAR HARBOR	10	DRESDEN	2
BATH	10	EDDINGTON	3
BEALS	1	EDGEComb	28
BELFAST	2	ELIOT	2
BENTON	1	ELLSWORTH	1
BETHEL	1	EUSTIS	4
BIDDEFORD	31	FAIRFIELD	1
BLUE HILL	14	FALMOUTH	1
BOOTHBAY	150	FARMINGTON	3
BOOTHBAY HARBOR	82	FRANKFORT	2
BOWDOINHAM	5	FRENCHBORO	3
BRADLEY	7	FRIENDSHIP	21
BREMEN	1	GEORGETOWN	65
BRISTOL	170	GORHAM	1
BROOKS	1	GOULDSBORO	21
BROOKSVILLE	6	HAMPDEN	1
BRUNSWICK	2	HARPSWELL	95
BUCKFIELD	7	HARRINGTON	7
BURNHAM	1	INDUSTRY	1
BUXTON	1	ISLEBORO	3
CALAIS	6	JONESPORT	10
CAMDEN	7	KENNEBUNK	4
CAPE ELIZABETH	4	KENNEBUNKPORT	5
CASTINE	5	KITTERY	10
CHERRYFIELD	37	LEWISTON	1
CHESTERVILLE	1	LINCOLNVILLE	3
COLUMBIA FALLS	9	LONG ISLAND	4

**Approved Overboard Discharges, by Location (cont'd)**  
**As of December 31, 2004**

<b><u>TOWN/CITY</u></b>	<b><u>NUMBER</u></b>	<b><u>TOWN/CITY</u></b>	<b><u>NUMBER</u></b>
MACHIASPORT	6	SOUTH PORTLAND	1
MADISON	6	SOUTH THOMASTON	7
MATINICUS ISLAND	1	SOUTHPORT	172
MEDWAY	1	SOUTHWEST HARBOR	6
MILBRIDGE	2	ST. GEORGE	39
MONHEGAN	34	STANDISH	3
MONTICELLO	1	STEUBEN	2
MOUNT DESERT	12	STONINGTON	9
NEWCASTLE	1	STRONG	3
NORRIDGEWOCK	1	SURRY	4
NORTH HAVEN	6	SWANS ISLAND	2
OAKLAND	1	THOMASTON	2
ORRINGTON	3	TOPSHAM	1
OWLS HEAD	18	TREMONT	27
OXFORD	1	TRESCOTT	2
PARSONSFIELD	1	TURNER	5
PENOBSCOT	5	VASSALBORO	2
PHIPPSBURG	10	VERONA	1
PORTLAND	61	VINALHAVEN	31
PRESQUE ISLE	1	WARREN	2
PROSPECT	1	WEST BATH	11
RICHMOND	1	WEST PARIS	4
ROBBINSTON	1	WESTPORT	14
ROCKPORT	6	WINDHAM	4
SABATTUS	1	WINSLOW	4
SCARBOROUGH	3	WINTER HARBOR	7
SEARSPORT	1	WINTERPORT	1
SIDNEY	1	WISCASSET	2
SOUTH BERWICK	2	WOOLWICH	8
SOUTH BRISTOL	57	YARMOUTH	12
		YORK	15
		<b>TOTAL</b>	<b>1,582</b>

## APPENDIX A

### POTW WASTE DISCHARGE LICENSES AS OF DECEMBER 31, 2004 SORTED BY LOCATION

(See key to column headings at the end of the appendix)

LOCATION	LICENSE #	EXP. DATE	FLOW (MGD)	TYPE	NOTES	COMPLIANCE STATUS
Anson-Madison Sanitary District	W-002710	06/27/06	5.000	5M	EPA major facility; toxics testing required	
Ashland	W-002697	05/18/05	0.300	5L	Domestic waste water only; toxics testing required	
Auburn	W-000685	12/08/05	-----	5T	CSO-only discharge; exempt from toxics testing	
Augusta	W-002695	06/06/08	8.000	5M	EPA major facility; EPA pre-treatment program required; toxics testing required; includes CSOs	
Baileyville	W-002649	11/19/08	0.600	5L	Domestic waste water only; exempt from toxics testing	
Bangor	W-001041	02/12/07	18.000	5M	EPA major facility; EPA pre-treatment program required; toxics testing required; includes CSOs.	
Bar Harbor-DeGregoire Park	W-002584	12/08/05	0.012	5L	Domestic waste water only; exempt from toxics testing	
Bar Harbor-Hulls Cove	W-002590	12/14/05	0.150	5L	Domestic waste water only; exempt from toxics testing; upgrade completed in 2000	
Bar Harbor-Main Plant	W-002591	12/14/05	2.000	5L	EPA major facility; domestic waste water only; toxics testing required; includes CSOs; upgrade completed in 1999	
Bar Harbor-Mount Desert High School	W-003319	09/15/09	0.009	5L	Seasonal surface discharge (spray irrigation system); exempt from toxics testing	
Bath	W-002678	10/26/09	3.500	5L	EPA major facility; toxics testing required; includes CSOs; upgraded to 3.5 MGD in 1998	Exceptions List
Belfast	W-000569	06/19/06	0.700	5L	EPA major facility; domestic waste water only; toxics testing required; includes CSOs	
Berwick	W-000566	01/22/08	1.100	5M	EPA major facility; EPA pre-treatment program required; toxics testing required; TMDL limits go into effect Sept. 30, 2005	Significant Non-Compliance
Bethel	W-002595	12/08/05	0.340	5L	Domestic waste water only; exempt from toxics testing	
Biddeford	W-000683	06/25/08	6.500	5M	EPA major facility; EPA pre-treatment program required; toxics testing required; includes CSOs; upgrade completed in 2000	
Biddeford-Biddeford Pool	W-007581	03/30/05	0.030	5L	Domestic waste water only; exempt from toxics testing	
Bingham	W-001286	04/17/06	0.200	5L	Domestic waste water only; exempt from toxics testing; upgrade completed in 1998	
Blue Hill	W-002628	12/07/09	0.100	5L	Domestic waste water only; exempt from toxics testing	
Boothbay Harbor (Bayville Village Corporation)	W-002573	03/12/07	0.015	5L	Domestic waste water only; 301(h) waiver facility (primary treatment only); exempt from toxics testing; NPDES permit issued by EPA	

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(See key to column headings at the end of the appendix)

LOCATION	LICENSE #	EXP. DATE	FLOW (MGD)	TYPE	NOTES	COMPLIANCE STATUS
Boothbay Harbor-Main Plant	W-002750	12/08/05	0.640	5L	EPA major facility; toxics testing required	
Brewer	W-002679	04/25/08	5.190	5M	EPA major facility; EPA pre-treatment program required; toxics testing required; includes CSOs.	
Bridgton	W-007879	06/26/07	0.032	5L	Subsurface discharge (two systems); exempt from toxics testing	
Brownville	W-000829	08/14/07	0.087	5L	Subsurface discharge (11 separate systems); exempt from toxics testing	
Brunswick	W-002600	05/26/09	3.850	5L	EPA major facility; toxics testing required	
Brunswick-Mere Point	W-008015	06/11/08	0.011	5L	Subsurface discharge (5 separate systems); exempt from toxics testing	
Brunswick-Graham Road Landfill	W-004308	11/16/09	0.200	5L	Discharge of treated landfill leachate; exempt from toxics testing	
Bucksport	W-002596	06/17/07	0.460	5L	Domestic waste water only; 301(h) waiver facility (primary treatment only); exempt from toxics testing; includes CSOs; NPDES permit issued by EPA	
Calais	W-002751	07/13/04	1.500	5L	EPA major facility; domestic waste water; toxics testing required	Exceptions List
Camden	W-002592	07/18/08	1.210	5M	EPA major facility; EPA pre-treatment program required; toxics testing required	
Canton	W-006445	07/07/08	0.250	5L	Domestic waste water only; no discharge allowed when flows < 20 cfs; toxics testing required	
Cape Elizabeth (Portland Water District)	W-006751	12/17/06	0.499	5L	Domestic waste water only; toxics testing required; includes CSOs	
Caribou-City Facility	W-001001	08/14/06	1.410	5L	EPA major facility; toxics testing required; authorized to treat up to 14,000 GPD of septage	
Caribou-Loring Development Authority	W-006654	12/19/08	2.500	5L	EPA major facility; formerly Loring Air Force Base; toxics testing required	Significant Non-compliance
Carrabassett Valley	W-002781	05/17/05	-----	5L	54 MGY surface discharge (snowfluent system & spray irrigation system); exempt from toxics testing	
Castine	W-002623	12/22/09	0.126	5L	Domestic waste water only; exempt from toxics testing	Exceptions List
Clinton	W-002589	02/14/08	0.350	5L	Domestic waste water only; toxics testing required; no discharge allowed when flows < 65 cfs	
Corinna	W-002179	07/01/04	0.200	5L	EPA major facility; toxics testing required; includes CSOs; alternatives to eliminate surface water discharge being evaluated	Significant Non-compliance
Corinna	W-008206	09/02/09	0.110	5L		
Cornish	W-007878	06/26/07	0.007	5L	Subsurface discharge; exempt from toxics testing	

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### POTW WASTE DISCHARGE LICENSES AS OF DECEMBER 31, 2004 SORTED BY LOCATION

(See key to column headings at the end of the appendix)

LOCATION	LICENSE #	EXP. DATE	FLOW (MGD)	TYPE	NOTES	COMPLIANCE STATUS
Damariscotta- Main Plant (Great Salt Bay Sanitary District)	W-006048	08/31/06	0.268	5L	Domestic waste water only; year-round chlorination required; exempt from toxics testing	Exceptions List Significant Non- compliance
Danforth	W-000819	12/29/09	0.049	5L	Domestic waste water only; exempt from toxics testing.	Exceptions List/ Significant Non- Compliance
Dexter	W-000830	12/20/07	0.273	5L	Surface discharge (spray irrigation system); exempt from toxics testing	
Dover- Foxcroft	W-002633	09/07/09	0.800	5L	Domestic waste water only; toxics testing required; includes CSOs	
Eagle Lake	W-003374	11/25/07	0.146	5L	Surface discharge (spray irrigation system); exempt from toxics testing	
East Machias	W-006521	12/08/05	0.026	5L	18 separate outfalls; domestic waste water only; exempt from toxics testing; year-round chlorination required	
East Millinocket	W-002683	10/12/06	-----	5T	CSO-only discharge; exempt from toxics testing; primary treated sanitary waste water is discharged to GNP secondary treatment facility	
Eastport-Main Plant	W-002598	08/13/07	0.82	5L	Domestic waste water only; 301(h) waiver facility (primary treatment only); exempt from toxics testing; NPDES permit issued by EPA	
Eastport- Quoddy Village	W-008131	08/13/07	0.050	5L	Domestic waste water only; 301(h) waiver facility (primary treatment only); exempt from toxics testing; NPDES permit issued by EPA	
Ellsworth	W-002529	05/28/09	0.850	5L	EPA major facility; toxics testing required	
Ellsworth- Shore Road	W-003801	08/18/09	0.002	5L	2 separate sandfilter systems serving a total of 7 residences; exempt from toxics testing	
Fairfield	W-007701	10/11/08	-----	5T	CSO-only discharge (two discharge points); exempt from toxics testing	
Falmouth	W-002650	01/22/08	1.560	5L	EPA major facility; domestic waste water only; toxics testing required	
Farmington	W-002670	11/27/06	0.900	5L	EPA major facility; domestic waste water only; toxics testing required; seasonal limits	Significant Non- compliance
Fort Fairfield	W-000694	04/26/06	0.600	5M	EPA major facility; toxics testing required	
Fort Kent	W-000692	12/28/06	0.430	5L	EPA major facility; upgrade completed in 1997; toxics testing required; includes CSOs	
Freeport	W-000617	05/03/05	0.750	5L	EPA major facility; domestic waste water only; toxics testing required	
Freeport- Landfill	W-002682	04/12/95	---	5L	Surface discharge (lagoon/spray irrigation system) of treated landfill leachate	

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### POTW WASTE DISCHARGE LICENSES AS OF DECEMBER 31, 2004 SORTED BY LOCATION

(See key to column headings at the end of the appendix)

LOCATION	LICENSE #	EXP. DATE	FLOW (MGD)	TYPE	NOTES	COMPLIANCE STATUS
Frenchville	W-007676	12/21/05	0.060	5L	Domestic waste water only; exempt from toxics testing	Significant Non-compliance
Gardiner	W-002655	07/01/09	4.500	5L	EPA major facility; toxics testing required; includes CSOs	
Gorham-Little Falls (Portland Water District)	W-006950	08/14/07	0.040	5L	Domestic waste water only; exempt from toxics testing	Exceptions List
Grand Isle	W-007713	12/08/05	0.080	5L	Domestic waste water only; exempt from toxics testing	
Greenville (Moosehead Sanitary District)	W-002119	01/29/09	0.170	5L	Surface discharge (spray irrigation and snowfluent system); exempt from toxics testing	
Guilford (Guilford-Sangerville Sanitary District)	W-006792	08/11/09	0.930	5M	EPA major facility; toxics testing required	
Hallowell	W-007532	06/23/08	-----	5T	CSO-only discharge; exempt from toxics testing	
Hampden	W-007967	12/27/07	-----	5T	CSO-only discharge; exempt from toxics testing	
Hartland	W-000678	11/07/07	1.500	5M	EPA major facility; EPA pre-treatment program required; toxics testing required	
Houlton	W-002648	03/30/05	1.500	5L	EPA major facility; domestic waste water only; toxics testing required	
Howland	W-002632	06/02/05	0.300	5L	Domestic waste water only; exempt from toxics testing; accepts waste from West Enfield	
Indian Township-Peter Dana Point	W-007055	01/21/02	0.015	5L	Subsurface discharge (5 separate systems); Passamaquoddy Indian Reservation; exempt from toxics testing	
Indian Township-Princeton Strip	W-000872	08/02/99	0.015	5L	Surface discharge (spray irrigation) system; Passamaquoddy Indian Reservation; exempt from toxics testing	
Islesboro-Dark Harbor	W-002726	08/08/05	0.018	5L	Domestic waste water only; exempt from toxics testing; year-round chlorination required	Exceptions List
Jackman	W-002696	09/28/09	0.675	5L	Seasonal discharge; domestic waste water only; toxics testing required	
Jay-North Jay	W-002689	12/08/05	0.060	5L	Domestic waste water only; toxics testing required	
Kennebunk	W-002585	06/20/99	1.310	5L	EPA major facility; toxics testing required	
Kennebunkport	W-002626	03/14/05	0.700	5L	EPA major facility; domestic waste water only; toxics testing required	
Kingfield	W-006272	05/29/07	0.077	5L	Subsurface discharge (55 separate systems); exempt from toxics testing	

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(See key to column headings at the end of the appendix)

LOCATION	LICENSE #	EXP. DATE	FLOW (MGD)	TYPE	NOTES	COMPLIANCE STATUS
Kittery	W-000389	05/09/06	2.500	5L	EPA major facility; toxics testing required; includes CSOs	Significant Non-compliance
Lewiston	W-000684	12/18/05	-----	5T	CSO-only discharge; exempt from toxics testing	
Lewiston (Lewiston-Auburn Water Pollution Control Authority)	W-000682	12/31/07	14.200	5M	EPA major facility; EPA pre-treatment program required; toxics testing required; includes CSO	Exceptions List
Lewiston-No Name Pond	W-008126	05/02/06	0.004	5K	Subsurface discharge; exempt from toxics testing	
Limerick	W-000860	01/31/06	0.110	5L	Domestic waste water only; toxics testing required	
Limestone	W-002684	10/05/09	0.300	5L	EPA major facility; domestic waste water only; toxics testing required; limited to 0.200 MGD July 1 to September 30	
Lincoln	W-001479	03/31/08	1.070	5L	EPA major facility; domestic waste water only; toxics testing required; includes CSOs	
Lisbon	W-002725	01/27/05	2.025	5L	EPA major facility; domestic waste water only; toxics testing required; includes CSOs	
Livermore Falls	W-002654	10/17/06	2.000	5L	Domestic waste water only; exempt from toxics testing; includes CSO	
Lubec	W-006306	07/07/08	0.166	5L	Domestic waste water only; 301(h) waiver facility (primary treatment only); exempt from toxics testing; NPDES permit issued by EPA	Exceptions List
Machias	W-002674	05/22/05	0.370	5L	EPA major facility; toxics testing required; includes CSOs	
Madawaska	W-002602	11/14/08	0.600	5L	Domestic waste water only; exempt from toxics testing; includes CSOs	
Mapleton	W-008147	01/27/08	0.090	5L	Domestic waste water only; exempt from toxics testing; surface discharge (spray irrigation and snowfluent system)	
Mars Hill	W-000842	12/10/07	1.000	5L	Domestic waste water only; toxics testing required; sliding scale discharge regime to maintain specified dilution factors	
Mattawamkeag	W-007462	06/14/05	0.020	5L	Domestic waste water only; exempt from toxics testing	Exceptions List
Mechanic Falls	W-002722	10/22/07	0.490	5L	EPA major facility; domestic waste water only; toxics testing required; includes CSOs	
Mexico (Rumford-Mexico Sewerage District)	W-002686	08/10/05	2.650	5L	EPA major facility; domestic waste water only; toxics testing required	

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(See key to column headings at the end of the appendix)

LOCATION	LICENSE #	EXP. DATE	FLOW (MGD)	TYPE	NOTES	COMPLIANCE STATUS
Milbridge	W-000862	11/18/08	0.070	5L	Domestic waste water only; 301(h) waiver facility (primary treatment only); discharge is from 76 residential sandfilter systems, 5 primary treatment commercial facilities, and 67 separate sub-surface systems; exempt from toxics testing: NPDES permit issued by EPA	Exceptions List
Millinocket	W-002680	02/11/09	2.330	5L	EPA major facility; toxics testing required	
Milo	W-002753	10/05/09	0.390	5L	Domestic waste water only; toxics testing required	
Monson	W-007155	08/14/07	0.014	5L	Subsurface discharge (2 separate systems); exempt from toxics testing	
Mt. Desert-Northeast Harbor	W-002659	12/23/08	0.330	5L	Domestic waste water only; toxics testing required	
Mt. Desert-Otter Creek	W-002658	08/28/02	0.125	5L	Domestic waste water only; toxics testing required	Exceptions List
Mt. Desert-Seal Harbor I	W-002657	07/07/09	0.250	5L	Domestic waste water only; exempt from toxics testing	
Mt. Desert-Somesville	W-002656	12/23/08	0.080	5L	Domestic waste water only; toxics testing required	
Newport	W-000865	07/01/09	0.524	5L	Domestic waste water only; toxics testing required	
Newport-Nokomis Regional High School	W-007162	07/22/08	0.010	5L	Seasonal surface discharge (facultative lagoon/spray irrigation system); exempt from toxics testing	
Nobleboro-Damariscotta Mills (Great Salt Bay Sanitary District)	W-007044	07/12/06	0.015	5L	Domestic waste water only (sandfilter system); exempt from toxics testing	
Norridgewock	W-007742	11/19/08	0.193	5L	Domestic waste water only; exempt from toxics testing	
North Berwick	W-006267	08/14/07	1.000	5L	Seasonal discharge; allowable daily maximum discharge of 1.0 MGD while maintaining minimum dilution of 20 to 1; toxics testing required	
North Haven	W-001671	11/21/08	0.040	5L	Domestic waste water only; 301(h) waiver facility (primary treatment only); exempt from toxics testing; NPDES permit issued by EPA	
Northport (Northport Village Corporation)	W-002575	06/29/09	0.063	5L	Domestic waste water only; 301(h) waiver facility (primary treatment only); exempt from toxics testing; outfall extended by 200 ft in 1997	Exceptions List
Norway	W-002647	05/03/06	0.975	5L	EPA major facility; seasonal discharge; domestic waste water only; no discharge allowed when flows < 31 cfs; toxics testing required	
Oakland	W-002690	05/15/06	0.480	5L	EPA major facility; toxics testing required	



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LOCATION	LICENSE #	EXP. DATE	FLOW (MGD)	TYPE	NOTES	COMPLIANCE STATUS
Ogunquit	W-000449	02/25/08	1.280	5L	EPA major facility; domestic waste water only; toxics testing required	
Old Orchard Beach	W-002786	04/13/05	3.500	5L	EPA major facility; new outfall to ocean completed in 1995; toxics testing required	
Old Town	W-001635	05/25/09	3.500	5L	EPA major facility; domestic waste water only; toxics testing required; includes CSOs	Exceptions List
Old Town-Indian Island (Penobscot Indian Nation)	W-002672	03/29/05	0.070	5L	Domestic waste water only; Penobscot Indian Nation; exempt from toxics testing	
Orono	W-002673	10/29/07	1.840	5L	EPA major facility; domestic waste water only; toxics testing required; includes CSOs	
Paris-South Paris (Paris Utility District)	W-000632	08/21/06	0.650	5L	EPA major facility; toxics testing required; includes CSOs	
Patten	W-007775	12/16/08	0.030	5L	Surface discharge (spray irrigation system); exempt from toxics testing	
Perry (Pleasant Point) (Passamaquoddy Tribe)	W-002561	10/13/04	0.150	5L	Passamaquoddy Indian Reservation; exempt from toxics testing	
Pittsfield	W-001477	06/08/09	1.500	5L	Surface discharge; exempt from toxics testing	
Portland	W-008010	07/07/08	-----	5T	CSO-only discharge (12 discharge points); exempt from toxics testing	
Portland (Portland Water District)	W-002671	03/06/08	19.800	5M	EPA major facility; EPA pre-treatment program required; toxics testing required; includes CSOs	Exceptions List/ Significant Non-Compliance
Portland-Peaks Island (Portland Water District)	W-007182	08/14/07	0.200	5L	Domestic waste water only; exempt from toxics testing	
Presque Isle	W-002713	09/30/07	2.310	5L	EPA major facility; toxics testing required; includes CSOs	Exceptions List
Presque Isle-Echo Lake	W-008017	06/05/08	0.004	5K	Subsurface discharge; exempt from toxics testing	
Presque Isle-Landfill	W-008088	07/05/05	---	5L	Discharge of treated landfill leachate through lagoon/spray irrigation system	
Randolph	W-008074	04/08/09	-----	5T	CSO-only discharge; exempt from toxics testing	
Rangeley	W-008086	04/27/06	-----	5L	36.5 MGY surface discharge (spray irrigation and snowfluent system); exempt from toxics testing	
Richmond	W-002616	02/25/08	0.300	5L	Domestic waste water only; exempt from toxics testing	
Rockland	W-000681	06/13/06	3.300	5M	EPA major facility; EPA pre-treatment program required; toxics testing required; includes CSOs	

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LOCATION	LICENSE #	EXP. DATE	FLOW (MGD)	TYPE	NOTES	COMPLIANCE STATUS
Rumford- Rumford Point (Rumford- Mexico Sewerage District)	W-002685	08/08/05	0.019	5L	Domestic waste water only; exempt from toxics testing	
Sabattus	W-002624	11/12/06	0.120	5L	Domestic waste water only; toxics testing required	
Saco	W-002599	07/05/06	4.200	5L	EPA major facility; toxics testing required; includes CSOs	
Sanford	W-000870	03/28/08	5.500	5M	EPA major facility; EPA pre-treatment program required; toxics testing required; includes CSOs; tiered effluent limits; plant upgrade scheduled to be on-line by June 1, 2005	
Scarborough	W-002668	09/03/09	2.500*	5L	EPA major facility; toxics testing required. *Upgrade from current plant capacity of 1.8 MGD approved but not yet scheduled	
Searsport	W-006279	06/17/07	0.200	5L	Domestic waste water only; 301(h) waiver facility (primary treatment only); exempt from toxics testing; NPDES permit issued by EPA	
Sinclair	W-007814	01/11/06	0.042	5L	Surface discharge (spray irrigation system) on-line in 1996; exempt from toxics testing	
Skowhegan- Main Plant	W-002645	04/25/08	1.65	5L	EPA major facility; domestic waste water only; toxics testing required; includes CSOs	
Skowhegan- Norridgewock Avenue Housing	W-002345	06/08/09	0.019	5L	Domestic waste water only; exempt from toxics testing	
Sorrento	W-002280	12/18/06	0.003	5K	Domestic waste water only; exempt from toxics testing	Exceptions List
South Berwick	W-002721	06/17/07	0.567	5L	Secondary treatment plant on-line 1995; toxics testing required	
South Portland	W-001370	04/23/09	9.300	5M	EPA major facility; EPA pre-treatment program required; toxics testing required; includes CSOs; upgrade completed in 1998	
Southport- Squirrel Island	W-000826	12/27/00	0.030	5L	Domestic waste water only; 301(h) waiver facility (primary treatment only), with 10 separate outfalls; also licensed are 14 separate subsurface systems; exempt from toxics testing	Exceptions List
Southwest Harbor	W-002676	12/27/09	0.375	5L	EPA major facility; toxics testing required	
St. Agatha	W-002755	12/08/05	0.060	5L	Domestic waste water only; exempt from toxics testing	
Stonington	W-001475	03/14/08	0.175	5L	Domestic waste water only; 301(h) waiver facility (primary treatment only); exempt from toxics testing; NPDES permit issued by EPA	
Thomaston	W-002643	04/11/08	0.900	5L	EPA major facility; seasonal surface discharge (spray irrigation system); discharge to St. George River allowed Jan-Mar; toxics testing required	

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LOCATION	LICENSE #	EXP. DATE	FLOW (MGD)	TYPE	NOTES	COMPLIANCE STATUS
Unity	W-000478	08/13/07	0.500	5L	Domestic waste water only; toxics testing required; no discharge when flow < 15 cfs; discharge regulated to maintain specified dilution factors	
Van Buren	W-002675	09/02/09	0.560	5L	EPA major facility; domestic waste water only; exempt from toxics testing	
Vassalboro-Cemetery Street Facility	W-008102	02/22/05	0.029	5L	Domestic waste water only (sandfilter system); exempt from toxics testing	
Vassalboro-Main Street Facility	W-002597	02/22/05	0.025	5L	Domestic waste water only (sandfilter system); exempt from toxics testing	
Vassalboro-North Main Street Facility	W-008101	02/22/05	0.025	5L	Domestic waste water only (sandfilter system); exempt from toxics testing	
Veazie	W-002754	10/24/07	0.350	5L	Domestic waste water only; exempt from toxics testing; CBOD limits established	
Vinalhaven	W-008146	11/25/07	0.129	5L	Domestic waste water only; toxics testing required; facility construction underway and scheduled to be complete in 2005	
Waldoboro	W-008114	12/20/07	0.150	5L	Domestic waste water only; seasonal surface discharge (spray irrigation system); exempt from toxics testing	
Wallagrass Plt. (Eagle Lake Water & Sewer District)	W-007955	12/27/07	0.006	5L	Subsurface discharge; exempt from toxics testing	
Warren	W-007023	04/07/05	0.244	5L	Domestic waste water only; toxics testing required; discharge limited to 0.0795 MGD June 1-Sept 30	
Washburn	W-007610	12/21/06	0.283	5L	Domestic waste water only; toxics testing required	
Waterville (Kennebec Sanitary Treatment Dist.)	W-000687	05/06/09	12.700	5M	EPA major facility; EPA pre-treatment program required; toxics testing required; includes CSOs	
Wells	W-000653	09/23/09	2.000	5L	EPA major facility; toxics testing required	
Westbrook (Portland Water District)	W-001510	12/21/06	4.54	5L	EPA major facility; EPA pre-treatment program required; toxics testing required; includes CSOs	
Whitneyville-Canal Road Facility	W-006551	02/03/05	0.002	5K	6 individual sandfilter systems with a common outfall; domestic waste water only; exempt from toxics testing	
Whitneyville-School Street Facility	W-008099	02/03/05	0.006	5L	Cluster sandfilter system; domestic waste water only; exempt from toxics testing	
Wilton	W-002365	08/22/06	0.450	5L	EPA major facility; toxics testing required	
Winslow	W-008204	08/17/09	-----	5T		

## APPENDIX A

### POTW WASTE DISCHARGE LICENSES AS OF DECEMBER 31, 2004 SORTED BY LOCATION

(See key to column headings at the end of the appendix)

LOCATION	LICENSE #	EXP. DATE	FLOW (MGD)	TYPE	NOTES	COMPLIANCE STATUS
Winter Harbor	W-000562	07/11/05	0.125	5L	Domestic waste water only; exempt from toxics testing	
Winterport	W-001480	02/02/09	0.110	5L	Domestic waste water only; 301(h) waiver facility (primary treatment only); exempt from toxics testing; includes CSOs	Exceptions List
Wiscasset	W-000370	08/11/09	0.620	5L	Domestic waste water only; toxics testing required; plant upgrade completed in 1994	
Yarmouth	W-002644	12/22/08	1.310	5L	EPA major facility; domestic waste water only; toxics testing required	
Yarmouth-Sea Meadows Subdivision	W-002234	06/27/06	0.012	5L	Domestic waste water only; exempt from toxics testing; previously licensed as a commercial OBD	Exceptions List
York	W-002687	05/04/06	3.000	5L	EPA major facility; domestic waste water only; toxics testing required	

**TOTAL LICENSED POTWs: 169**

## APPENDIX A

### KEY TO COLUMN HEADINGS

<b>LOCATION</b>	Municipality in which discharge is located.
<b>LICENSE #</b>	DEP waste water discharge license number.
<b>EXP. DATE</b>	Expiration date of last DEP license issued for the facility.
<b>FLOW(MGD)</b>	Monthly average discharge flow limit, in millions of gallons per day, as approved in last DEP license issued for the facility.
<b>TYPE</b>	5K POTWs, less than 6,000 GPD, with no significant industrial waste 5L POTWs, 6,000 GPD to 5 million GPD, with no significant industrial discharge 5M POTWs, over 5 million GPD or with significant industrial waste 5T Municipal combined sewer overflow (CSO)
<b>NOTES</b>	Notes identify EPA major facilities, facilities with EPA-required pre-treatment program, facilities with surface or subsurface discharge, 301(h) waiver facilities (primary treatment only), toxics testing status (exempt or testing required), facilities with domestic waste water only discharge, CSO-only discharges; and special facility information (e.g., flow-related discharge limits, upgrade plans, need to move outfall location).
<b>COMPLIANCE STATUS</b>	Indicates if the facility was in Significant Non Compliance (SNC) or Exceptions List (EL) during the year. A blank space in this column indicates Substantial Compliance. For those facilities that were in SNC or EL a summary of the non compliance can be found in Appendices D and E.

#### Additional Information for Notes

1. Three type 5L licenses are for the discharge of treated landfill leachate. One facility (Brunswick) discharges to surface water, while the other two facilities (Freeport and Presque Isle) discharge through a land application system.
2. Two type 5L licenses (Milbridge and Southport-Squirrel Island) are for both surface water and subsurface discharges.
3. Five other type 5L licenses (Jackman, Mars Hill, North Berwick, Norway, and Thomaston) are limited to a seasonal surface water discharge. Thomaston is also licensed for a seasonal land application discharge.
4. All type 5L land application discharges are seasonal, except for Carrabassett and Rangeley, which are licensed to discharge "snowfluent" during the winter.
5. Type 5T licenses are for "stand alone" CSO facilities (that is, facilities that are not licensed as part of a municipal primary or secondary treatment facility).

## APPENDIX B

### NON-POTW WASTE DISCHARGE LICENSES AS OF DECEMBER 31, 2004\* SORTED BY LOCATION

(See key to column headings at the end of the appendix)

LICENSEE	LOCATION	LICENSE #	EXP. DATE	TYPE	NOTES	COMPLIANCE STATUS
Treasures of the Sea, Inc.	Addison	W-007950	12/23/08	5P	Sea cucumber processing facility; 0.008 MGD process water discharge	
Madison Paper Industries	Anson	W-008062	04/01/09	5R	Anson Hydro Project; 108,000 GPD non-contact cooling water	
Pioneer Plastics	Auburn	W-007876	09/24/06	5S	Plastics manufacturer; 1.34 MGD non-contact cooling water	
American Tissue Mills of Maine, LLC	Augusta	W-000247	10/01/06	5N	De-ink paper mill; 6.0 MGD process water discharge	
Department of Inland Fisheries & Wildlife	Augusta	W-002034	07/21/05	5Q	Governor Hill Fish Hatchery; 1.0 MGD process water discharge	
Domtar Maine Corp.	Baileyville	W-008072	04/01/09	5R	Woodland Hydro Project; 194,000 GPD non-contact cooling water	
Domtar Maine Corp.	Baileyville	W-008073	04/01/09	5R	Grand Falls Hydro Project; 100,000 GPD non-contact cooling water	
Domtar Maine Corporation	Baileyville (Woodland)	W-002766	05/17/01	5N	Kraft pulp and paper mill; 40 MGD process water, sanitary waste water, landfill leachate & storm water discharges; 5.6 MGD cooling & misc. storm water discharge	
Louisiana Pacific Corporation	Baileyville (Woodland)	W-000508	06/10/08	5R	Stud mill and oriented strand board mill; 15 MGD non-contact cooling water; 160,000 GPD boiler blowdown, softener backwash & cooling waters	
FPL Energy Maine Hydro	Baldwin	W-000582	02/20/09	5R	Hiram Hydro Project; 203,000 GPD non-contact cooling water	
Webber Oil Company	Bangor	W-000767	06/02/05	5S	Fuel oil terminal/transfer facility; storm water discharge	
Town of Bar Harbor	Bar Harbor	W-001719	02/19/07	5V	Snow dump; discharge to tidewater	
Stinson Seafood Inc.	Bath	W-000798	10/02/05	5P	Fish processing facility; production-based discharge limits	
Bath Iron Works	Bath	W-000671	12/08/05	5R	Ship building facility; 0.84 MGD non-contact cooling water; misc. dry dock and ship discharges	
Bath Iron Works	Bath	W-007958	04/27/06	5V	Snow dump; discharge to tidewater	
City of Bath	Bath	W-007696	09/23/09	5V	Snow dump; discharge to tidewater	
Carver Shellfish Inc.	Beals	W-007803	12/27/09	5P	Clam processing facility; 5000 GPD process water discharge	
Maine Coast Nordic	Beals	W-008194	03/30/09	5Q	Salmon aquaculture facility (Spectacle Island Site)	
Maine Coast Nordic	Beals	W-008187	03/30/09	5Q	Salmon aquaculture facility (Sand Cove Site)	

## APPENDIX B

### NON-POTW WASTE DISCHARGE LICENSES AS OF DECEMBER 31, 2004\* SORTED BY LOCATION

(See key to column headings at the end of the appendix)

LICENSEE	LOCATION	LICENSE #	EXP. DATE	TYPE	NOTES	COMPLIANCE STATUS
Penobscot Frozen Foods	Belfast	W-004897	07/10/07	5O	Potato processing facility; 100,000 GPD process water discharge; 75,000 GPD non-contact cooling water discharge	
Pat Jackson Inc.	Belgrade	W-008019	08/04/09	5J	Discharge of treated septage effluent	
University of New England	Biddeford	W-008109	12/02/09	5Q	Marine science and research center; 0.72 MGD treated marine lab and marine mammal rehabilitation center waste water	Exceptions List
West Point Stevens, Inc.	Biddeford	W-002790	10/01/06	5R	Textile mill; 110,000 GPD non-contact cooling water	
Maine Energy Recovery Company	Biddeford	W-006163	10/11/08	5R	Waste-to-energy incinerator; 93.6 MGD non-contact cooling water	
Biddeford and Saco Water Company	Biddeford	W-002545	04/11/96	5S	Drinking water treatment facility; 80,000 GPD filter backwash water discharge	
The Mountain, Inc.	Big Moose Twp.	W-008148	10/24/07	5J	Commercial ski area; 11,000 GPD sanitary waste water discharge	
Stolt Sea Farm, Inc.	Bingham	W-007577	08/24/01	5Q	Commercial salmon; 15.84 MGD process waste water discharge	Exceptions List
Vacationland Development, Inc.	Boothbay	W-003240	03/01/05	5J	Commercial campground; 5200 GPD sanitary waste water discharge	Exceptions List
Town of Boothbay Harbor	Boothbay Harbor	W-007938	02/19/07	5V	Snow dump; discharge to tidewater	
Green Acres Mobile Home Park	Brewer	W-003601	03/21/05	5J	Commercial trailer park; 8,500 GPD sanitary waste water discharge	
Camp Wildwood	Bridgton	W-007708	07/02/08	5J	Commercial campground; 8500 GPD sanitary waste water discharge	
Winona Inc.	Bridgton	W-006784	06/21/07	5J	Commercial campground; 10,000 GPD sanitary waste water discharge	
FPL Energy Maine Hydro	Brunswick	W-000571	02/20/09	5R	Brunswick Hydro Project; 586,000 GPD non-contact cooling water	
Brunswick-Topsham Water District	Brunswick	W-002631	09/26/08	5S	Drinking water treatment facility; 80,000 GPD filter backwash discharge	Exceptions List
Paul's Marina	Brunswick	W-008209	08/30/09	5Z	Experimental treatment system; 450 GPA boat washwater discharge from commercial marina	
International Paper	Bucksport	W-000598	11/02/09	5N	Pulp and paper mill (formerly Champion); 18 MGD process water discharge; 72.0 MGD cooling water discharge	

## APPENDIX B

### NON-POTW WASTE DISCHARGE LICENSES AS OF DECEMBER 31, 2004\* SORTED BY LOCATION

(See key to column headings at the end of the appendix)

LICENSEE	LOCATION	LICENSE #	EXP. DATE	TYPE	NOTES	COMPLIANCE STATUS
Webber Tanks, Inc.	Bucksport	W-002566	03/08/05	5S	Fuel oil terminal/transfer facility; storm water discharge	
C.H. Sprague & Son, Inc.	Bucksport	W-002563	04/14/09	5S	Fuel oil terminal/transfer facility; storm water discharge	
FPL Energy Maine Hydro	Buxton	W-000578	02/20/09	5R	Skelton Hydro Project; 859,000 GPD non-contact cooling water	
Town of Camden	Camden	W-007822	10/03/05	5V	Snow dump; discharge to tidewater	
WPS New England Generation, Inc.	Caribou	W-000638	11/12/09	5R	Caribou Generating Station; 31 MGD non-contact cooling water & misc. discharges	
Loring Development Authority	Caribou	W-007926	06/14/09	5S	Drinking water treatment facility; 8,000 GPD filter backwash discharge	
Caribou Utilities District	Caribou	W-006209	07/12/09	5S	Drinking water treatment facility; 450,000 GPD filter backwash discharge	
Department of Inland Fisheries & Wildlife	Casco	W-002038	07/21/05	5Q	Casco Fish Hatchery; 2.9 MGD process waste water discharge	
Jasper Wyman & Sons	Cherryfield	W-000645	10/21/09	5P	Blueberry processing facility; 0.1 MGD process water discharge; 0.27 MGD non-contact cooling water discharge	
Cherryfield Foods, Inc.	Cherryfield	W-006234	09/28/09	5P	Blueberry processing facility; 0.1 MGD process water discharge; 0.27 MGD non-contact cooling water discharge	
Maine Coast Nordic	Cutler	W-008192	03/30/09	5Q	Salmon aquaculture facility (Cutler Harbor Site)	
Maine Coast Nordic	Cutler	W-008188	03/30/09	5Q	Salmon aquaculture facility (Cutler North Site)	
US Navy-Naval Communication Unit	Cutler	W-003318	12/22/05	5R	Electrical generating plant; 1.584 MGD non-contact cooling water; misc. stormwater, boiler blowdown and contact cooling water discharges	
Lake Pemaquid Inc.	Damariscotta	W-003271	06/06/08	5J	Commercial campground; 29,092 GPD sanitary waste water discharge	
Jasper Wyman & Sons	Deblois	W-007847	12/31/06	5P	Blueberry processing facility; process water discharge	
Connors Aquaculture	Deblois	W-002028	07/30/97	5Q	Commercial salmonid hatchery/smolt production facility; 5.04 MGD process water discharge	
Wyonegonic Camps	Denmark	W-007602	06/21/07	5J	Commercial campground; 7000 GPD sanitary waste water discharge	
Dover-Foxcroft Water District	Dover-Foxcroft	W-007330	04/18/08	5S	Drinking water treatment facility; 25,000 GPD filter backwash discharge	
Heritage Salmon Inc.	East Machias	W-007149	10/15/09	5Q	Commercial salmonid hatchery/smolt production facility; 10.08 MGD process water discharge	Exceptions List



## APPENDIX B

### NON-POTW WASTE DISCHARGE LICENSES AS OF DECEMBER 31, 2004\* SORTED BY LOCATION

(See key to column headings at the end of the appendix)

LICENSEE	LOCATION	LICENSE #	EXP. DATE	TYPE	NOTES	COMPLIANCE STATUS
Katahdin Paper, LLC	East Millinocket	W-002228	03/28/95	5N	Pulp and paper mill; 33 MGD process water & municipal waste water discharge; 26 MGD non-contact cooling water discharge; misc. filter backwash and floor drain discharges	
Great Lakes Hydro America, LLC	East Millinocket	W-008076	03/09/09	5R	East Millinocket Hydro Project; 30,240 GPD non-contact cooling water	
Great Lakes Hydro America, LLC	East Millinocket	W-008077	03/09/09	5R	Dolby Hydro Project; 364,320 GPD non-contact cooling water	
Engelhard Corp.	Eastport	W-001553	04/18/08	5O	Pearl essence production facility; 0.02 MGD process water discharge	
L.R. Enterprises Inc	Eastport	W-008186	03/30/09	5Q	Salmon aquaculture facility (Treats Island Site)	
Heritage Salmon Inc.	Eastport	W-008190	03/30/09	5Q	Salmon aquaculture facility (Broad Cove Site)	
International Aqua Foods USA Inc.	Eastport	W-008181	03/30/09	5Q	Salmon aquaculture facility (Prince Cove Site)	
International Aqua Foods USA Inc.	Eastport	W-008198	04/06/09	5Q	Salmon aquaculture facility (Johnson Cove Site)	
Patten Pond KOA	Ellsworth	W-003294	06/26/06	5J	Commercial campground; 15,000 GPD sanitary waste water discharge	
Green Lake National Fish Hatchery	Ellsworth	W-000721	02/06/09	5Q	Federal salmonid hatchery; 19.4 MGD process water discharge	
Penobscot Hydro, LLC	Ellsworth	W-008065	04/01/09	5R	Ellsworth Hydro Project; 200,160 GPD non-contact cooling water	
Department of Inland Fisheries & Wildlife	Embden	W-002029	07/21/05	5Q	Embden Fish Rearing Station; 4.75 MGD process water discharge	
Atlantic Salmon of Maine, LLC	Embden	W-007608	08/26/01	5Q	Commercial salmonid hatchery; 17.28 MGD process water discharge	
FPL Energy Maine Hydro	Embden	W-000574	02/09/09	5R	Williams Hydro Project; 5046,000 GPD non-contact cooling water	
Department of Inland Fisheries & Wildlife	Enfield	W-002032	07/21/05	5Q	Enfield Fish Hatchery; 4.75 MGD process water discharge	
Bangor-Pacific Hydro Associates	Enfield	W-007529	04/01/09	5R	West Enfield Hydro Project; 403,200 GPD non-contact cooling water	

## APPENDIX B

### NON-POTW WASTE DISCHARGE LICENSES AS OF DECEMBER 31, 2004\* SORTED BY LOCATION

(See key to column headings at the end of the appendix)

LICENSEE	LOCATION	LICENSE #	EXP. DATE	TYPE	NOTES	COMPLIANCE STATUS
Indeck Power Oversees Ltd.	Enfield	W-006116	09/12/08	5S	Wood fired generating facility; 150,000 GPD cooling tower blowdown water; 36,000 GPD filter backwash water; 1,000 GPD building drain water, sump water & stormwater discharges	
Ridgewood Maine Hydro Partners	Eustis	W-008080	04/01/09	5R	Eustis Hydro Project; 7,200 GPD non-contact cooling water	
S. D. Warren-Somerset Plant	Fairfield	W-000385	09/12/08	5N	Kraft pulp and paper mill; 46.5 MGD discharge of process water, sanitary waste water, non-contact cooling water, treated landfill leachate water, and treated residuals storage pad leachate water	
Boralex Fort Fairfield, Inc.	Fort Fairfield	W-007365	04/23/06	5O	Wood fired generating facility; 68,160 GPD non-contact cooling water, boiler blowdown water, water treatment & ion exchange backwash water	
Agvest Inc.	Franklin	W-007755	10/15/09	5P	Blueberry processing facility; process water discharge	
University of Maine—Center for Cooperative Aquacultural Research	Franklin	W-007642	12/20/05	5Q	Aquaculture research facility; 0.288 MGD process water discharge	
Island Aquaculture Company Inc.	Frenchboro	W-008199	05/26/09	5Q	Salmon aquaculture facility (Black Island Site)	
Ridgewood Maine Hydro Partners	Gardiner	W-008081	04/02/09	5R	American Tissue Hydro Project; 7,200 GPD non-contact cooling water	
Gardiner Water District	Gardiner	W-000953	05/01/08	5S	Drinking water treatment facility; 52,000 GPD filter backwash discharge	
Stinson Seafood, Inc.	Gouldsboro	W-000791	12/28/06	5P	Sardine packing facility; 318,000 GPD process water discharge	
Department of Inland Fisheries & Wildlife	Grand Lake Stream Plt.	W-002037	07/21/05	5Q	Grand Lake Stream Fish Hatchery; 2.88 MGD process water discharge	
Department of Inland Fisheries & Wildlife	Gray	W-002031	07/21/05	5Q	Dry Mills Fish Hatchery; 1.89 MGD process water discharge	
Cold Brook Energy	Hampden	W-000563	11/08/06	5S	Fuel oil terminal/transfer facility; storm water discharge	
Hancock Foods	Hancock	W-003145	10/15/09	5P	Blueberry processing facility; 0.025 MGD process water discharge	
Merrill Blueberry Farms	Hancock	W-007792	10/26/09	5P	Blueberry processing facility; 72,000 GPA process water discharge	

## APPENDIX B

### NON-POTW WASTE DISCHARGE LICENSES AS OF DECEMBER 31, 2004\* SORTED BY LOCATION

(See key to column headings at the end of the appendix)

LICENSEE	LOCATION	LICENSE #	EXP. DATE	TYPE	NOTES	COMPLIANCE STATUS
Roderick Dyer	Harrison	W-008124	06/18/07	5J	1800 GPD treated septage leachate discharge	
Irving Tanning Company	Hartland	W-001915	06/05/09	5R	Leather tanning facility; 500,000 GPD non-contact cooling water	
Elaine Currier (d/b/a Fuller Road Trailer Park)	Hermon	W-007690	12/20/07	5J	Commercial trailer park; 4,500 GPD sanitary waste water discharge	
FPL Energy Maine Hydro	Hollis	W-000581	02/20/09	5R	Bar Mills Hydro Project; 67,000 GPD non-contact cooling water	
A.E. Staley Manufacturing Inc.	Houlton	W-000940	06/26/08	5N	Starch processing facility; 0.04 MGD process water discharge; 0.05 MGD non-contact cooling water discharge	
Penobscot Hydro, LLC	Howland	W-008064	04/01/09	5R	Howland Hydro Project; 1,440 GPD non-contact cooling water	
FPL Energy Maine Hydro	Indian Stream Twp.	W-000572	02/24/09	5R	Indian Pond Hydro Project; 3.89 MGD non-contact cooling water	
National Starch and Chemical Corp.	Island Falls	W-002620	06/06/07	5O	Starch manufacturing facility; 0.12 MGD process water discharge	
International Paper	Jay	W-000623	03/01/99	5N	Kraft pulp and paper mill; 51 MGD discharge of process water, sanitary waste water, contact and non-contact cooling waters, landfill leachate, and stormwater	
Moosabec Mussels, Inc.	Jonesport	W-008152	05/21/08	5P	Shellfish processing facility; 24,500 GPD process water discharge	
Paul Pray d/b/a Country Mobile Home Park	Kenduskeag	W-003618	12/31/07	5J	Commercial mobile home park; 8700 GPD sanitary waste water discharge	
Invensys Inc.	Kittery	W-005147	01/29/06	5R	Manufacturer of compressed air filters, regulators and lubricators; 103,000 GPD discharge from DEP-approved groundwater remediation project	Exceptions List
Portsmouth Naval Shipyard	Kittery	W-003445	12/08/05	5R	Submarine repair & overhaul facility; 33 MGD non-contact condenser & compressor cooling water; misc. dry dock dewatering water & stormwater discharges	
FPL Energy Maine Hydro	Lewiston	W-007658	02/20/09	5R	Lewiston Falls Hydro Project; 700,000 GPD non-contact cooling water	
Ledgemere Hydro, LLC	Limerick	W-008059	02/24/09	5R	Ledgemere Hydro Project; 22,320 GPD non-contact cooling water	
DEP-Division of Environmental Assessment	Limerick	W-008156	12/31/04	5U	Aquatic herbicide treatment of Pickerel Pond to control invasive hydrilla verticillata	

## APPENDIX B

### NON-POTW WASTE DISCHARGE LICENSES AS OF DECEMBER 31, 2004\* SORTED BY LOCATION

(See key to column headings at the end of the appendix)

LICENSEE	LOCATION	LICENSE #	EXP. DATE	TYPE	NOTES	COMPLIANCE STATUS
Lincoln Pulp and Paper	Lincoln	W-000381	01/23/02	5N	Kraft pulp and paper mill; 16.3 MGD process water; 3.0 MGD non-contact cooling water	
Aziscohos Hydro Company	Lincoln Plt.	W-007582	10/26/09	5R	Aziscohos Hydro Project; 270,000 GPD non-contact cooling water	
Miller Hydro Group	Lisbon	W-007590	04/01/09	5R	Worumbo Hydro Project; 1.015 MGD non-contact cooling water	
Miller Industries, Inc.	Lisbon	W-001820	05/17/05	5R	Worumbo Textile Mill; 10,000 GPD non-contact cooling water	
Masonite Corp.	Lisbon	W-002520	01/04/05	5S	Fiber board manufacturing facility; 3.0 MGD non-contact cooling water	
Maine Electronics	Lisbon	W-007759	08/17/09	5S	Decommissioned circuit board manufacturing facility; 79,000 GPD discharge from DEP-approved groundwater remediation project	
Northeast Empire Ltd. Partnership	Livermore Falls	W-007705	12/28/05	5O	Wood fired generation facility; 138,000 GPD cooling tower blowdown water; 10,000 GPD ion-exchange water treatment system backwash waters; misc. floor drain & stormwater discharges	
International Paper Company	Livermore Falls	W-008067	06/14/09	5R	Otis Hydro Project; 14,400 GPD non-contact cooling water	
Taka International Corp.	Lubec	W-008161	10/16/08	5P	Sea cucumber processing facility; 8,000 GPD process water discharge	
Stolt Seas Farm Inc.	Lubec	W-008183	03/29/09	5Q	Salmon aquaculture facility (Rogers Island North Site)	
Stolt Seas Farm Inc.	Lubec	W-008182	03/30/09	5Q	Salmon aquaculture facility (Rogers Island South Site)	
Stolt Seas Farm Inc.	Lubec	W-008185	03/30/09	5Q	Salmon aquaculture facility (Johnsons Bay Site)	
International Aqua Foods USA Inc.	Lubec	W-008184	03/30/09	5Q	Salmon aquaculture facility (Booth Site)	
Maine Wild Blueberry Company	Machias	W-006137	11/15/06	5R	Blueberry processing facility; 70,000 GPD non-contact cooling water	
Atlantic Salmon of Maine	Machiasport	W-007951	02/25/02	5P	Salmon processing facility; 0.021 MGD process water discharge	
Fraser Paper	Madawaska	W-002727	08/17/09	5N	Pulp and paper mill; 15 MGD discharge of process water, landfill leachate water, non-contact cooling water, filter backwash water, and stormwater	
Madawaska Water District	Madawaska	W-002562	11/14/89	5S	Drinking water treatment facility; 30,000 GPD filter backwash discharge	

## APPENDIX B

### NON-POTW WASTE DISCHARGE LICENSES AS OF DECEMBER 31, 2004\* SORTED BY LOCATION

(See key to column headings at the end of the appendix)

LICENSEE	LOCATION	LICENSE #	EXP. DATE	TYPE	NOTES	COMPLIANCE STATUS
Madison Paper Industries	Madison	W-008063	04/01/09	5R	Abenaki Hydro Project; 129,600 GPD non-contact cooling water	
Madison Paper Industries	Madison	W-002006	06/27/06	5S	Pulp & paper mill; 8.8 MGD vacuum seal and non-contact cooling water; 2.0 filter backwash discharge	
Freshway, Inc. d/b/a Naturally Potatoes Inc.	Mars Hill	W-007949	12/22/09	5P	Potato processing facility; process waste water discharge	
WPS New England Generation	Masardis	W-008069	10/26/09	5R	Squa Pan Hydro Project; 4,800 GPD non-contact cooling water	
Great Lakes Hydro America, LLC	Mattawam-keag	W-008075	03/09/09	5R	Mattaceunk Hydro Project; 144,000 GPD non-contact cooling water	
Lawrence Ray Fishing Industries	Milbridge	W-007894	07/12/01	5P	Sea cucumber processing facility; 15,000 GPD process water	
Daaquam Maine Inc.	Milford	W-002525	10/14/09	5O	Costigan Sawmill; 9,000 GPD non-contact cooling water discharge	
Penobscot Hydro, LLC	Milford	W-002570	04/01/09	5R	Milford Hydro Project; 18,000 GPD non-contact cooling water	
Katahdin Paper, LLC	Millinocket	W-002227	08/01/99	5N	Pulp and paper mill; 43 MGD process water discharge; 85 MGD non-contact condenser cooling water discharge; 15 MGD bearing and pump cooling water discharge; misc. stormwater discharge	
Tex-Tech Industries	Monmouth	W-000631	06/23/09	5R	Textile mill; 85,000 GPD non-contact cooling water	
Aqua Maine Inc.	Moosehead Jct. Twp.	W-008087	11/19/09	5S	Drinking water treatment facility; 2,500 GPD filter backwash discharge	
FPL Energy Maine Hydro	Moscow	W-000573	02/20/09	5R	Wyman Hydro Project; 573,000 GPD non-contact cooling water	
Camp Laurel	Mount Vernon	W-003269	11/07/07	5J	Commercial campground; 30,000 GPD sanitary waste water discharge	
Irving Forest Products Inc.	Nashville Plt.	W-007883	05/28/09	5S	Sawmill; 8000 GPD debarking hot pond & boiler blowdown water discharges	
Department of Inland Fisheries & Wildlife	New Gloucester	W-002030	07/21/05	5Q	New Gloucester Fish Rearing Ponds; 3.0 MGD process water discharge	
New Sharon Water District	New Sharon	W-007693	06/29/09	5S	Drinking water treatment facility; 6,000 GPD filter backwash discharge	Exceptions List
United Technologies/Pratt & Whitney	North Berwick	W-002749	03/15/07	5N	Jet engine parts manufacturer; 50,000 GPD process water discharge	
Town of North Haven	North Haven	W-008142	06/18/07	5S	Drinking water treatment facility; 2000 GPD filter backwash discharge	Exceptions List

## APPENDIX B

### NON-POTW WASTE DISCHARGE LICENSES AS OF DECEMBER 31, 2004\* SORTED BY LOCATION

(See key to column headings at the end of the appendix)

LICENSEE	LOCATION	LICENSE #	EXP. DATE	TYPE	NOTES	COMPLIANCE STATUS
Messalonskee Stream Hydro LLC	Oakland	W-000577	02/24/09	5R	Rice Rips (M3) Hydro Project; 26,900 GPD non-contact cooling water	
Messalonskee Stream Hydro LLC	Oakland	W-000585	02/24/09	5R	Oakland (M2) Hydro Project; 48,000 GPD non-contact cooling water	
Fort James Operating Company	Old Town	W-002226	08/06/07	5N	Kraft pulp and paper mill; 24.4 MGD discharge of process water and treated landfill leachate water; non-contact cooling water, misc. filter backwash and hydro station cooling water discharges	
PP&L Great Works, LLC	Old Town	W-008068	04/01/09	5R	Great Works Hydro Project; 88,560 GPD non-contact cooling water	
Old Town Water District	Old Town	W-007706	06/14/09	5S	Drinking water treatment facility; 95,000 GPD filter backwash discharge	Exceptions List
Balsam Cove Campground	Orland	W-007874	06/24/07	5J	Commercial campground; 3700 GPD sanitary waste water discharge	
G.M. Allen & Sons	Orland	W-007791	10/26/09	5P	Blueberry processing facility; 67,880 GPA process water discharge	
Craig Brook National Fish Hatchery	Orland	W-001285	11/19/09	5Q	Federal salmonid hatchery; 3.5 MGD process water discharge	
Orono-Veazie Water District	Orono	W-007954	08/05/09	5S	Drinking water treatment facility; 92,000 GPD filter backwash discharge	
University of Maine	Orono	W-008153	03/28/08	5S	30,000 GPD filter backwash discharge from University swimming pool	
University of Maine	Orono	W-008210	12/31/05	5Z	Experimental permit for stream acidification study	
University of Maine	Orono	W-008215	12/31/05	5Z	Experimental permit for mercury deposition study	
Holtrachem Manufacturing Co.	Orrington	W-001048	12/31/03	5N	Chlorine manufacturing facility; 0.15 MGD process water discharge	
Penobscot Energy Recovery Co.	Orrington	W-006893	06/29/09	5O	Refuse fired generating facility; 22,500 GPD non-contact cooling water; boiler blowdown water, misc. process waters	
Robinson Manufacturing Co.	Oxford	W-000612	12/16/08	5N	Textile mill; 0.5 MGD process water and sanitary waste water discharge; 200,000 GPD non-contact cooling water discharge	
Department of Inland Fisheries & Wildlife	Palermo	W-002035	07/21/05	5Q	Palermo Fish Rearing Station; 3.9 MGD process water discharge	
Kezar Falls Hydro LLC	Parsonsfield (Kezar Falls)	W-008060	02/20/09	5R	Kezar Falls Hydro Project; 22,320 GPD non-contact cooling water	

## APPENDIX B

### NON-POTW WASTE DISCHARGE LICENSES AS OF DECEMBER 31, 2004\* SORTED BY LOCATION

(See key to column headings at the end of the appendix)

LICENSEE	LOCATION	LICENSE #	EXP. DATE	TYPE	NOTES	COMPLIANCE STATUS
Robinson Manufacturing Co.	Parsonsfield (Kezar Falls)	W-000920	03/12/07	5R	Textile mill; 75,000 GPD non-contact cooling water	
Passamaquoddy Water District	Perry	W-007568	10/04/09	5S	Drinking water treatment facility; 75,000 GPD filter backwash discharge	
Department of Inland Fisheries & Wildlife	Phillips	W-002036	07/21/05	5Q	Phillips Fish Rearing Station; 0.28 MGD process water discharge	
Sebasco Harbor Resort	Phippsburg	W-007987	10/20/08	5S	Drinking water treatment facility; 2,500 GPD filter backwash discharge	
Sea Run Inc.	Pierce Pond Township	W-000905	04/19/90	5Q	Commercial fish hatchery and rearing station; 1.5 MGD process water discharge	
Soil Preparation, Inc.	Plymouth	W-007882	07/02/08	5J	Septage dewatering and composting facility; 20,000 GPD discharge	
I.S.F. Trading Company	Portland	W-007808	12/14/09	5P	Sea urchin and shrimp processing facility; 10,000 GPD process water discharge	
Heritage Acquisition Corp.	Portland	W-000980	02/06/09	5R	Baked bean processing facility; 525,000 GPD non-contact cooling water	
City of Portland	Portland	W-007871	05/03/05	5V	Snow dump; discharge to tidewater	
Golden Gate Park	Presque Isle	W-008159	05/28/08	5J	Commercial mobile home park; 44,000 GPD sanitary waste water discharge	
McCain Foods, Inc.	Presque Isle	W-008085	07/22/04	5N	Potato processing facility; 4.0 MGD process water and sanitary waste water	
Presque Isle Water District	Presque Isle	W-002618	11/23/09	5S	Drinking water treatment facility; 90,000 GPD filter backwash discharge	
Atlantic Salmon Maine, Inc.	Rangeley	W-004701	12/12/91	5Q	Commercial salmon hatchery; 15.5 MGD process water discharge	
FMC Biopolymer	Rockland	W-001999	08/13/07	5R	Carageenan manufacturing facility; 15.5 MGD contact and non-contact cooling water discharge	
Town of Rockland	Rockland	W-007939	02/19/07	5V	Snow dump; discharge to tidewater	
Town of Rockport	Rockport	W-008134	12/21/06	5V	Snow dump; discharge to tidewater	
Mead Oxford Corp.	Rumford	W-000955	06/01/00	5N	Kraft pulp and paper mill (formerly Boise Cascade); 34 MGD process water & landfill leachate water discharge; 46 MGD non-contact cooling water discharge	
Rumford Falls Power Co.	Rumford	W-008083	04/01/09	5R	Rumford Falls Hydro Project; 145,000 GPD non-contact cooling water	

## APPENDIX B

### NON-POTW WASTE DISCHARGE LICENSES AS OF DECEMBER 31, 2004\* SORTED BY LOCATION

(See key to column headings at the end of the appendix)

LICENSEE	LOCATION	LICENSE #	EXP. DATE	TYPE	NOTES	COMPLIANCE STATUS
FPL Energy Maine Hydro	Saco	W-000584	02/20/09	5R	Cataract Hydro Project; 196,000 GPD non-contact cooling water	
CYRO Industries	Sanford	W-001914	10/02/05	5R	Plastics manufacturing facility; 300,000 GPD non-contact cooling water	
Bayley's Quality Seafood	Scarborough	W-000990	08/13/07	5P	Shellfish processing facility; 49,490 GPD shrimp and clam process water discharge	
GAC Chemical Corporation	Searsport	W-002530	03/05/02	5S	Industrial chemical manufacturer (formerly General Alum); 60,000 GPD non-contact cooling water, process water, and storm water discharges	
Irving Oil Terminals, Inc.	Searsport	W-000942	03/03/05	5S	Fuel oil terminal/transfer facility; storm water discharge	
Irving Oil Terminals, Inc.	Searsport	W-001373	03/03/05	5S	Fuel oil terminal/transfer facility; storm water discharge	
C.H. Sprague & Son, Inc.	Searsport	W-002564	04/14/09	5S	Fuel oil terminal/transfer facility; storm water discharge	
FPL Energy Maine Hydro	Skowhegan	W-000583	02/20/09	5R	Weston Hydro Project; 576,000 GPD non-contact cooling water	
Camp Matoaka, Inc.	Smithfield	W-006097	12/08/05	5J	Commercial summer camp; 18,000 GPD sanitary waste water discharge	
Thomas Massey Ltd.	South Bristol	W-007095	07/29/07	5P	Shellfish processing facility; 22,500 GPD washing and cooking water discharge	
Portland Pipeline Corporation	South Portland	W-002651	06/29/09	5S	Fuel oil terminal/transfer facility; storm water discharge	
Clean Harbors Environmental Services, Co.	South Portland	W-000647	10/27/04	5S	Fuel oil terminal/transfer facility; storm water discharge	
Gulf Oil Limited Partnership	South Portland	W-000737	12/06/09	5S	Fuel oil terminal/transfer facility; storm water discharge	
ExxonMobil Oil Corporation	South Portland	W-002653	01/01/09	5S	Fuel oil terminal/transfer facility; storm water discharge and treated tank bottom discharge water	
Sprague Energy Corp.	South Portland	W-000886	12/21/06	5S	Fuel oil terminal/transfer facility; storm water discharge	
Motiva Enterprises LLC	South Portland	W-000637	06/06/05	5S	Fuel oil terminal/transfer facility; storm water discharge	
Global Companies, LLC	South Portland	W-002565	01/17/06	5S	Fuel oil terminal/transfer facility; storm water discharge	
Great Eastern Mussel Farms Inc.	St. George	W-003993	07/10/07	5P	Shellfish washing and packing facility; 0.72 MGD process water discharge	Exceptions List



## APPENDIX B

### NON-POTW WASTE DISCHARGE LICENSES AS OF DECEMBER 31, 2004\* SORTED BY LOCATION

(See key to column headings at the end of the appendix)

LICENSEE	LOCATION	LICENSE #	EXP. DATE	TYPE	NOTES	COMPLIANCE STATUS
First Technology/Control Devices, Inc.	Standish	W-000643	07/17/06	5N	Manufacturer of electronic components; 0.020 MGD process water and non-contact cooling water discharge	Significant Non-compliance
Island Aquaculture Company Inc.	Swans Island	W-008174	10/16/08	5Q	Salmon and cod aquaculture facility (Toothacher Cove site)	
Great Lakes Hydro America, LLC	T3 Indian Purchase	W-008078	03/09/09	5R	North Twin Hydro Project; 36,000 GPD non-contact cooling water	
Great Lakes Hydro America, LLC	T3 R11	W-008079	03/09/09	5R	Ripogenus Hydro Project; 691,200 GPD non-contact cooling water	
Brassua Hydro Limited Partnership	Taunton & Raynham Twp.	W-008054	12/16/08	5R	Brassua Hydro Project; 14,400 GPD non-contact cooling water	
Topsham Hydro Partners	Topsham	W-008058	04/02/09	5R	Pejepscot Hydro Project; 349,920 GPD non-contact cooling water	
Quality Egg of New England	Turner	W-008094	03/14/05	5O	Commercial egg production facility; 19,500 GPD egg wash water and sanitary waste water discharge	
DeCoster Egg Farms	Turner	W-001494	04/03/05	5R	Chicken egg hatchery; 7,000 GPD non-contact cooling water	
Casco Bay Energy Co., L.C.C.	Veazie	W-008016	11/10/08	5O	Combined cycle natural gas-fired generating facility; 1.96 MGD filter backwash water, demineralization water, cooling tower blowdown water, and boiler blowdown water	
Penobscot Hydro, LLC	Veazie	W-002568	04/01/09	5R	Veazie Hydro Project; 60,550 GPD non-contact cooling water	
Town of Vinalhaven	Vinalhaven	W-002927	10/30/06	5P	Seafood processing facility; 0.050 MGD process water discharge	
Osram Sylvania	Waldoboro	W-000714	09/18/06	5N	Light bulb filament manufacturing facility; 0.05 MGD process water discharge; 36,000 GPD treated groundwater discharge	
Waterways, Inc.	Waterboro	W-008129	09/25/06	5S	Commercial car wash facility; 700 GPD wash water discharge	Exceptions List/Significant Non-Compliance
Maine Central Railroad	Waterville	W-006634	01/11/06	5O	Railroad locomotive and railcar repair facility; process waste water & storm water discharges	

## APPENDIX B

### NON-POTW WASTE DISCHARGE LICENSES AS OF DECEMBER 31, 2004\* SORTED BY LOCATION

(See key to column headings at the end of the appendix)

LICENSEE	LOCATION	LICENSE #	EXP. DATE	TYPE	NOTES	COMPLIANCE STATUS
S.D. Warren	Westbrook	W-002224	07/02/07	5N	Paper mill; 15 MGD process water and filter backwash water discharge; 12 MGD non-contact cooling water discharge	
UAH-Hydro Kennebec Ltd. Partnership	Winslow	W-007579	02/23/09	5R	Hydro Kennebec Project; 232,000 GPD non-contact cooling water	
Dorothy Egg Farm	Winthrop	W-008103	07/14/05	5P	Commercial egg production facility; 2,000 GPD egg wash and sanitary waste water discharge	
Maine Yankee Atomic Power Co.	Wiscasset	W-000746	04/13/06	5R	Nuclear power plant; 24,000 GPD misc. discharges; 400,000 GPD one-time discharge of radiological shielding water during 2001; 425,000 GPD one-time discharge of spent nuclear fuel pool water during 2003	
FPLE Mason LLC	Wiscasset	W-000599	11/04/08	5R	Mason Station generating facility; 111.0 MGD non-contact cooling water; 0.648 MGD ash hopper seal water; 0.03 MGD deaerator overflow water; 0.212 MGD treatment pond lagoon waste water; misc. roof and floor drain waters	
Town of Wiscasset	Wiscasset	W-007711	09/23/09	5V	Snow dump; discharge to tidewater	
Bath Water District	Woolwich	W-008140	06/17/07	5S	Drinking water treatment facility; 283,000 GPD filter backwash discharge	
FPLE Wyman LLC	Yarmouth	W-000634	09/03/08	5R	W.F. Wyman Station generating facility; 530 MGD non-contact cooling water; 5.0 MGD intake backwash water; 8.4 MGD boiler blowdown, ash transport, and ash hopper seal waters, regeneration water, and misc. floor drain and stormwater discharges	
The Goldenrod	York	W-002862	06/28/05	5R	Restaurant & candy factory; 20,000 GPD non-contact cooling water discharge	

**TOTAL LICENSED NON-POTW DISCHARGES: 213**

\*(Does not include finfish aquaculture facilities licensed under General Permit #MEG130000 - See Appendix C)

## APPENDIX B

### KEY TO COLUMN HEADINGS

<b>LICENSEE</b>	Name of license holder.
<b>LOCATION</b>	Municipality in which discharge is located.
<b>LICENSE #</b>	DEP waste water facility/license number.
<b>EXP. DATE</b>	Expiration date of last DEP license issued for the facility.
<b>TYPE</b>	<p>5J Sanitary wastewater, commercial source</p> <p>5N Major industrial facility--process wastewater discharge</p> <p>5O Minor industrial facility--process wastewater discharge</p> <p>5P Food handling or packaging wastewater</p> <p>5Q Fish rearing facility</p> <p>5R Non-contact cooling water</p> <p>5S Industrial/Commercial source--miscellaneous or incidental non-process wastewater</p> <p>5U Aquatic pesticide application</p> <p>5V Snow dump</p> <p>5X Log storage permit</p> <p>5Z Experimental discharge license</p>

**COMPLIANCE STATUS** Indicates if the facility was in Significant Non Compliance (SNC) or Exceptions List (EL) during the year. A blank space in this column indicates Substantial Compliance. For those facilities that were in SNC or EL a summary of the non compliance can be found in Appendices D and E.

**NOTES** Notes identify type of facility, volume and type of license discharge(s), facilities for which toxics testing is required, discharges for which a thermal mixing zone has been approved, seasonal-only discharges, special facility information, and EPA major facilities.

- The fifteen type 5J licenses break down as follows: nine are for seasonal discharges from commercial campgrounds/summer camps; three are for discharges from trailer parks; one is for a seasonal discharge from a ski area; one is for a seasonal discharge from a septage dewatering and composting facility; and one is for the year-round subsurface discharge of treated septage leachate.
- The following five licenses are for both surface water and seasonal land application discharges: A.E. Staley—Houlton (type 5N); Jasper Wyman—Cherryfield (type 5P); Cherryfield Foods—Cherryfield (type 5P); Hancock Foods—Hancock (type 5P); McCain Foods—Washburn (type 5P).
- The following four licenses include approvals for thermal mixing zones: Georgia-Pacific—Baileyville (type 5N); Great Northern Paper—Millinocket (type 5N); Mead Paper—Rumford (type 5N); S.D. Warren—Westbrook (type 5N).
- The following eleven licensed facilities are currently shut down or are not discharging: American Tissue Mills—Augusta (type 5N); McCain Foods—Easton (type 5P); Holtrachem—Orrington (type 5N); D.E. Salmon Co.—Lubec (type 5P); R.J. Peacock Canning—Lubec (type 5P); I.S.F. Trading—Portland (type 5P); International Paper (Costigan Mill)—Milford (type 5Q); Unity College—Milo (type 5Q); Maine Electronics—Lisbon (type 5S); McCain Foods—Washburn (type 5P); Waterways, Inc.—Waterboro (type 5S).
- The following three facilities are licensed for the discharge of treated groundwater from a groundwater remediation project: Osram Sylvania—Waldoboro (type 5N); Watts Fluidair—Kittery (type 5R); Maine Electronics—Lisbon (type 5S).
- All land application discharges are seasonal, except for Freshway—Mars Hill (type 5P), which is licensed to discharge “snowfluent” during the winter.
- In 2001, all eight fuel oil terminals/transfer facilities in South Portland were changed from major to minor status.

**APPENDIX C**  
**Finfish Aquaculture**

<b>LICENSEE</b>	<b>LOCATION</b>	<b>LICENSE #</b>	<b>MEPDES #</b>	<b>DATE APPROVED</b>	<b>TYPE</b>	<b>NOTES</b>
Atlantic Salmon of Maine LLC	Cutler	W-008168	MEG130006	08/08/2003	5Y	Cross Island North Site
International Aqua Foods USA Inc.	Eastport	W-008170	MEG130003	07/28/2003	5Y	Johnson Cove Site
International Aqua Foods USA Inc.	Eastport	W-008171	MEG130004	07/28/2003	5Y	Harris Cove Site
Heritage Salmon Incorporated	Eastport	W-008191	MEG130011	11/25/2003	5Y	Comstock Point Sites 1&2
Heritage Salmon Incorporated	Eastport	W-008195	MEG130013	11/25/2003	5Y	Deep Cove Site
Birch Point Fisheries	Eastport	W-008193	MEG130012	11/25/2003	5Y	Birch Point Site
Heritage Salmon Incorporated	Eastport	W-008189	MEG130010	11/25/2003	5Y	South Bay Site
Treats Island Fisheries Inc.	Eastport	W-008175	MEG130007	12/23/2003	5Y	Treat Island Sites 1&2
Treats Island Fisheries Inc.	Eastport	W-008176	MEG130008	02/18/2004	5Y	Comstock Cove Site
Treats Island Fisheries Inc.	Eastport	W-008208	MEG130016	08/20/2004	5Y	Johnson Cove Site
Atlantic Salmon of Maine LLC	Harrington	W-008197	MEG130015	02/10/2004	5Y	Dyer Island Site
Atlantic Salmon of Maine LLC	Harrington	W-008196	MEG130014	02/10/2004	5Y	Flint Island Site
Atlantic Salmon of Maine LLC	Machiasport	W-008165	MEG130001	07/28/2003	5Y	Starboard Island Site
Atlantic Salmon of Maine LLC	Machiasport	W-008166	MEG130002	07/28/2003	5Y	Stone Island Site
Atlantic Salmon of Maine LLC	Machiasport	W-008180	MEG130009	10/16/2003	5Y	Libby Island Site
Island Aquaculture Company Inc.	Swans Island	W-008167	MEG130005	07/28/2003	5Y	Scrag Island Site

NOTE: General Permit MEG130000 expires June 19, 2008.

## APPENDIX D

### Point Source Dischargers on the Exceptions List (EL) CALENDAR YEAR 2004

Facility	Parameter(s)	Status (EL)*
<b>Bath</b>	Settleable Solids, Fecal Coliform  <b>Actions</b> High flow problems on a number of occasions have lead to these problems. Facility has been working to refine high flow management plan and make some system improvements to reduce flows. DEP sent letter of Warning and USEPA took enforcement lead and issued an Administrative Order on 9/21/04.	2 <sup>nd</sup> , 3 <sup>rd</sup> Quarters
<b>Brunswick &amp; Topsham Water District</b>	Total Suspended Solids  <b>Actions</b> Experienced a number of problems at the plant with backwashing cycles and sampling and analytical protocol. Received a NOV from DEP concerning these problems. BTWD and DEP are working to resolve these issues through refined analytical procedures.	1 <sup>st</sup> - 4 <sup>th</sup> Quarters
<b>Calais</b>	Settleable Solids Settleable Solids  <b>Actions</b> A number of problems at the plant & associated pump stations lead the DEP to take enforcement through a pending consent agreement. Since then, contract operator has made a number of changes that have lead to better operation at the plant.	1 <sup>st</sup> Quarter 3 <sup>rd</sup> Quarter (SNC only)

\* The Status column indicates the quarters of the year in which the violation(s) occurred or the Exceptions List Criteria were triggered.

<b>Danforth</b>	Biochemical Oxygen Demand Total Residual Chlorine  <b>Actions</b> Inflow and infiltration, grease problems, and failing sand bed problems lead the DEP to issue an LOW. Contract operator has been working with Town officials to correct problems. Bed has been repaired with assistance from Maine DEP.	1 <sup>st</sup> , 2 <sup>nd</sup> Quarters 2 <sup>nd</sup> Quarter
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## APPENDIX D

### Point Source Dischargers on the Exceptions List (EL)

CALENDAR YEAR 2004

Facility	Parameter(s)	Status (EL)*
<b>Great Eastern Mussel</b>	Settleable Solids  <b>Actions</b> Flow violations coupled with a variety of equipment failures have lead to a number of violations. Inspector has been working very closely with the owner to correct the equipment problems which should help to rectify the solids problems. In addition, the license limit for settleable solids has been modified to make it consistent with other similar facilities.	1 <sup>st</sup> - 3 <sup>rd</sup> Quarters
<b>Great Salt Bay - Damariscotta</b>	Biochemical Oxygen Demand  <b>Actions</b> Have had a few violations that may be related to removing sludge from the lagoons in the recent past. Have provided technical assistance to this facility to attempt to rectify the problems.	2 <sup>nd</sup> Quarter
<b>Heritage Salmon – East Machias</b>	Biochemical Oxygen Demand Phosphorus Ammonia  <b>Actions</b> Received new license in 4 <sup>th</sup> quarter of 2004. The new license has revised limits that correct inappropriately stringent limits from previous permit. Improved compliance is expected.	1 <sup>st</sup> Quarter 1 <sup>st</sup> , 3 <sup>rd</sup> Quarters 1 <sup>st</sup> , 3 <sup>rd</sup> Quarters
<b>InvesSys Inc.</b>	Copper  <b>Actions</b> Experienced a few copper violations due to some process and equipment issues. Facility has installed a closed loop system for cooling water discharge and is investigating options for remaining discharge.	1 <sup>st</sup> Quarter

## APPENDIX D

### Point Source Dischargers on the Exceptions List (EL)

CALENDAR YEAR 2004

Facility	Parameter(s)	Status (EL)*
<b>Islesboro</b>	Flow  <b>Actions</b> Facility has experienced a number of flow violations due to inflow and infiltration. DEP will be providing technical assistance to the community to attempt to resolve some of the I&I issues.	2 <sup>nd</sup> - 4 <sup>th</sup> Quarters
<b>LAWPCA</b>	Settleable Solids  <b>Actions</b> Facility experienced a number of violations due to wet weather flows coupled with too much solids inventory in the secondary clarifiers and some equipment unavailable due to construction at the plant.	2 <sup>nd</sup> , 3 <sup>rd</sup> Quarters
<b>Lubec</b>	Biochemical Oxygen Demand % Removal Quarters  <b>Actions</b> Facility was issued a NOV and technical assistance from DEP was provided to look at operational problems surrounding polymer addition system.	1 <sup>st</sup> - 3 <sup>rd</sup>
<b>Stolt Sea Farm, Inc. Kennebec</b>	Biochemical Oxygen Demand, Nitrogen, Quarters Ammonia  <b>Actions</b> New license that corrects inappropriately stringent limits from previous permit is scheduled to be issued in early 2005. Improved compliance is expected.	1 <sup>st</sup> , 2 <sup>nd</sup>
<b>Mattawamkeag</b>	Total Suspended Solids  <b>Actions</b> Problems at facility attributed to operator error. Facility was issued a NOV for these actions.	2 <sup>nd</sup> Quarter

## APPENDIX D

### Point Source Dischargers on the Exceptions List (EL)

CALENDAR YEAR 2004

Facility	Parameter(s)	Status (EL)*
<b>Milbridge</b>	Total Residual Chlorine <b>Actions</b> Inspector worked with the operator to go over laboratory procedures to improve analytical technique. Problem seems to have been eliminated due to improved procedures.	2 <sup>nd</sup> Quarter
<b>Mount Desert - Otter Creek</b>	Total Residual Chlorine <b>Actions</b> This facility is being razed and the flow is being pumped to the Seal Harbor facility. Seal Harbor facility is being upgraded to handle the additional flow. Project is scheduled for completion June 2005.	3 <sup>rd</sup> Quarter
<b>New Sharon Water District</b>	Total Suspended Solids <b>Actions</b> DEP staff worked with the operator to make some sampling changes that eliminated the problem of non-representative samples.	2 <sup>nd</sup> Quarter
<b>North Haven</b>	Biochemical Oxygen Demand, Quarter Total Residual Chlorine Flow <b>Actions</b> Facility has experienced a number of equipment failures and operational violations. DEP has sent letter notifying the facility to address the equipment failures and the DEP staff will be conducting an evaluation of this facility to identify any other issues.	3 <sup>rd</sup> 3 <sup>rd</sup> Quarter 1 <sup>st</sup> Quarter
<b>Northport Village</b>	Flow <b>Actions</b> In response to a previous enforcement action, the permittee is currently working on a plan to refurbish the existing treatment facility and replace the existing outfall. DEP will be reviewing this plan and providing commentary to Northport Village. Work is ongoing to reduce inflow and infiltration.	1 <sup>st</sup> , 2 <sup>nd</sup> Quarters



## APPENDIX D

### Point Source Dischargers on the Exceptions List (EL)

CALENDAR YEAR 2004

Facility	Parameter(s)	Status (EL)*
Old Town	Biochemical Oxygen Demand	1 <sup>st</sup> Quarter
	<b>Actions</b> These violations actually took place in calendar year 2003, however, the criteria by which these violations are judged, results in these violations carrying over into calendar year 2004.	
Old Town Water District	Flow	1 <sup>st</sup> Quarter
	<b>Actions</b> These flow violations were associated with a past license. In April of 2004, the district received a new license that contained revised flow limits that better reflect the design capacity of the facility. This resolved the flow violation issue.	

## APPENDIX D

### Point Source Dischargers on the Exceptions List (EL) CALENDAR YEAR 2004

Facility	Parameter(s)	Status (EL)*
<b>Portland Water District Gorham</b>	Settleable Solids  <b>Actions</b> Facility has experienced a number of suspended solids violations due to high flows resulting from inflow & infiltration problems. DEP has been working with the plant staff to revise their high flow management plan to prevent these violations.	1 <sup>st</sup> , 2 <sup>nd</sup> Quarters
<b>Portland Water District – East End</b>	Total Residual Chlorine Fecal Coliform  <b>Actions</b> DEP took enforcement for these violations and required the facility to continue to improve the disinfection system until such a time that the system operates in such a manner to prevent further violations.	1 <sup>st</sup> Quarter 1 <sup>st</sup> - 4 <sup>th</sup> Quarters
<b>Presque Isle</b>	Ammonia  <b>Actions</b> Numerous violations due to high flows and reduced treatment due to equipment off line due to construction. DEP pursuing enforcement case against city for inadequate treatment. Equipment now back on line at facility.	3 <sup>rd</sup> Quarter
<b>Sorrento</b>	Total Residual Chlorine Quarters  <b>Actions</b> Numerous violations have lead to the DEP sending the town a NOV for the violations. Town pursuing removing the discharge to the ocean and going to an in-ground system.	2 <sup>nd</sup> , 3 <sup>rd</sup>
<b>Squirrel Island</b>	Total Residual Chlorine  <b>Actions</b> DEP pursuing enforcement action through a consent agreement. These outfalls are being eliminated and the wastewater is going to be pumped to the mainland and treated at the Boothbay Harbor wastewater treatment facility.	2 <sup>nd</sup> , 3 <sup>rd</sup> Quarters

## APPENDIX D

### Point Source Dischargers on the Exceptions List (EL) CALENDAR YEAR 2004

Facility	Parameter(s)	Status (EL)*
<b>University of New England – Biddeford Mammal Rehab</b>	Fecal Coliform  <b>Actions</b> New license issued in December 2004 is structured slightly differently than previous permit with more appropriate fecal coliform limits. Improved compliance is expected.	2 <sup>nd</sup> , 3 <sup>rd</sup> Quarters
<b>Vacationland Development</b>	E Coli  <b>Actions</b> Currently investigating to determine the source of the violation.	3 <sup>rd</sup> Quarter
<b>Waterways Inc.</b>	Lead  <b>Actions</b> Several compliance letters sent. Waterways' consultant is studying several groundwater issues with this facility. We are reviewing the latest results.	1 <sup>st</sup> Quarter
<b>Winterport</b>	Biochemical Oxygen Demand % Removal  <b>Actions</b> Facility experiencing very dilute influent BOD loading, which makes it difficult if not impossible to meet the % removal standard. Licensing and compliance staff working together to investigate a license modification, that is present in all secondary treatment plant licenses, which would exempt them from % removal standard under weak influent conditions.	2 <sup>nd</sup> , 3 <sup>rd</sup> Quarters
<b>Yarmouth Sea Meadows</b>	Flow  <b>Actions</b> DEP is in communication with permittee. Permittee is working on reducing inflow and infiltration.	1 <sup>st</sup> Quarter

## APPENDIX E

### Point Source Dischargers in Significant Non-Compliance (SNC) CALENDAR YEAR 2004

Facility	Parameter(s)	Status (SNC)*
<b>Berwick</b>	E Coli  <b>Actions</b> Have had 4 violations of their e-coli limit at the facility. Have been improving the operation of the facility throughout this year.	4 <sup>th</sup> Quarter
<b>Control Devices</b>	Copper  <b>Actions</b> Encountered problems with the resin in their contactors, and as a result, experienced some violations of copper.	3 <sup>rd</sup> , 4 <sup>th</sup> Quarters
<b>Corinna</b>	Arsenic  <b>Actions</b> They have only had one violation this year; the other violation is a carryover from calendar year 2003.	1 <sup>st</sup> Quarter
<b>Danforth</b>	pH  <b>Actions</b> Had some problems with naturally occurring pH problems. New license has provisions to deal with this natural condition.	3 <sup>rd</sup> , 4 <sup>th</sup> Quarters
<b>Farmington</b>	Copper  <b>Actions</b> Sent Farmington a LOW for the effluent copper violations and provided technical assistance to the treatment facility to assist in determining the source of the copper problem.	1 <sup>st</sup> Quarter
<b>Frenchville</b>	Biochemical Oxygen Demand  <b>Actions</b> BOD violations were a result of damage to aeration system. Had to take one lagoon offline to repair the aeration system located at the base of the lagoon. DEP issued a Notice of Violation.	2 <sup>nd</sup> , 3 <sup>rd</sup> Quarters

## APPENDIX E

### Point Source Dischargers in Significant Non-Compliance (SNC) CALENDAR YEAR 2004

Facility	Parameter(s)	Status (SNC)*
<b>Great Salt Bay Sanitary District – Damariscotta</b>	Total Suspended Solids % Removal  <b>Actions</b> Violations attributed to the removal of a significant amount of sludge from the lagoons. This stirred up the sludge and resulted in some TSS problems until the lagoon operation stabilized.	2 <sup>nd</sup> , 3 <sup>rd</sup> Quarters
<b>Kittery</b>	Settleable Solids  <b>Actions</b> Experienced some problems with settleable solids, may have been sampling error. Problem did not repeat in the future after the first violation.	1 <sup>st</sup> Quarter
<b>Loring</b>	Arsenic  <b>Actions</b> Had an exceedence and conducted some additional testing to attempt to identify the source. Retesting did not produce any additional violations.	1 <sup>st</sup> , 2 <sup>nd</sup> Quarters
<b>Portland Water District – East End</b>	Settleable Solids  <b>Actions</b> These violations actually occurred at the end of 2003, however, the SNC criteria tracks them into 2004. They were the result of modifying the normal operation of the plant during rainfall events to best deal with all of the stormwater flows. This modified operating mode lead to an increased amount of solids moving through the treatment system.	1 <sup>st</sup> Quarter

\* The Status column indicates the quarters of the year in which the violation(s) occurred or Significant Non Compliance criteria were triggered.

## APPENDIX F

### MAINE - CSO COMMUNITY LIST (AS OF DECEMBER 31, 2004)

#	COMMUNITY	Number of CSOs
1.	<b>AUBURN SD</b> .....	6
2.	AUGUSTA SD .....	24
3.	BANGOR.....	12
4.	<b>BAR HARBOR (Main Plant)</b> .....	3
5.	<b>BAR HARBOR (Hulls Cove)</b> .....	1
6.	BATH .....	4
7.	BELFAST .....	2
8.	BIDDEFORD.....	11
9.	BREWER.....	7
10.	BUCKSPORT .....	2
11.	CALAIS (Submitted Permit Application) .....	5
12.	CAPE ELIZABETH (In PWD East End Permit) .....	1
13.	CORINNA SD .....	0
14.	DOVER-FORCROFT .....	4
15.	<b>EAST MILLINOCKET</b> .....	1
16.	<b>FAIRFIELD</b> .....	2
17.	FORT KENT W&WWD.....	1
18.	GARDINER.....	2
19.	<b>HALLOWELL WD</b> .....	1
20.	<b>HAMDEN</b> .....	1
21.	KENNEBEC STD.....	3
22.	KITTERY .....	3
23.	<b>LEWISTON</b> .....	30
24.	<b>LEWISTON-AUBURN WPCA</b> .....	1
25.	LISBON .....	2
26.	MACHIAS .....	2
27.	MADAWASKA.....	2
28.	MECHANIC FALLS SD .....	1
29.	MILFORD (Needs permit, in process).....	1
30.	MILO WD.....	3
31.	OLD TOWN .....	3
32.	ORONO .....	1
33.	PARIS UD .....	1
34.	<b>PORTLAND – CITY</b> .....	12
35.	<b>PORTLAND – PWD</b> .....	22
36.	<b>RANDOLPH</b> .....	1
37.	ROCKLAND .....	4
38.	SACO.....	5
39.	SANFORD SD .....	2
40.	SKOWHEGAN.....	9
41.	SOUTH PORTLAND .....	7
42.	WESTBROOK.....	5
43.	<b>WINSLOW</b> .....	1
44.	WINTERPORT SD.....	1
<b>TOTAL CSOs</b>		<b>212</b>

41 CSO Permits, permitting 39 of 41 CSO Towns/Cities

Two or more permits in one CSO Town/City

**Bold** =9 communities with sewer systems only. Sewers discharge to a POTW controlled by another entity.

## APPENDIX G

### OBD Facilities on the Exceptions List (EL)

CALENDAR YEAR 2004

Facility	Parameter(s)	Status (EL)*
<b>Bay Bridge Associates MEU502101</b>	<p>BOD E.Coli</p> <p><b>Actions</b> BOD - Due to poor distribution, filter beds not receiving equal loading resulting in over burden of some beds. Dosing system redesigned by contractor, beds getting equal loading now. BOD numbers have dropped since rebuild.</p> <p>E. Coli - No definite answer. Numbers usually good, maintenance always done, CL residuals good. Investigating lab work. Monitoring situation.</p>	<p>1<sup>st</sup> - 3rd Quarters 3<sup>rd</sup>, 4<sup>th</sup> Quarters</p>
<b>Beloin's Motel MEU503918</b>	<p>BOD &amp; TSS Fecal Coliform</p> <p><b>Actions</b> BOD &amp; TSS - Seasonal discharge from rental cottages, suspect over loading. Letter sent requiring metering and sampling of systems individually to determine where problem lies.</p> <p>Fecal Coliform - More than likely caused from same problem. Will know better from next year's increased monitoring and testing.</p>	<p>3<sup>rd</sup>, 4<sup>th</sup> Quarters 3<sup>rd</sup> Quarter (SNC only)</p>
<b>Coveside Inn ME002102</b>	<p>BOD, TSS Fecal Coliform</p> <p><b>Actions</b> Letter of Warning sent to owner requiring more expertise to bring system into compliance. In response, licensee has contacted manufacturer, contractor and enlisted help and is investigating removing OBD system.</p>	<p>3<sup>rd</sup>, 4<sup>th</sup> Quarters 3<sup>rd</sup> Quarter (SNC only)</p>
<b>Decksz LLC MEU502364</b>	<p>Fecal Coliform</p> <p><b>Actions</b> Plant had a problem early in the year with the discharge pump. Likely cause of the violations.</p>	<p>2<sup>nd</sup>, 3<sup>rd</sup> Quarters</p>

## APPENDIX G

### OBD Facilities on the Exceptions List (EL)

CALENDAR YEAR 2004

Facility	Parameter(s)	Status (EL)*
<b>E. Capitol Island MEU501973</b>	TSS  <b>Actions</b> Sand filter is malfunctioning. Maintenance performed last spring not as effective as hoped. Letter sent requiring additional actions to bring into compliance. In response licensee has detailing potential problem and corrective measures. Improvements to be made before start of season. Will closely monitor this summer.	3 <sup>rd</sup> , 4 <sup>th</sup> Quarters
<b>Henry Hopewell MEU502505</b>	BOD  <b>Actions</b> OBD removed 12/20/04. Facility connected to town sewer.	1 <sup>st</sup> , 2 <sup>nd</sup> Quarters
<b>Henry Hopewell MEU503999</b>	BOD TSS & Fecal Coliform  <b>Actions</b> OBD removed 12/03/04. Facility connected to town sewer.	2 <sup>nd</sup> Quarter (SNC only) 2 <sup>nd</sup> , 3 <sup>rd</sup> Quarters
<b>James Bean School MEU502012</b>	E. Coli.  <b>Actions</b> Sand filter works well other than bacteria violations. Letter sent to MSAD requiring actions to bring into compliance. In response they are upgrading the chlorinator unit and will clean detention tank. Will monitor for improvement.	2 <sup>nd</sup> , 3 <sup>rd</sup> Quarters
<b>Elizabeth Kelso MEU504664</b>	TSS  <b>Actions</b> Letter sent to licensee concerning problem. In response contractor has identified low flow and effluent sitting for extended periods causing nitrification. Contractor has identified corrective action to be taken. Will monitor for progress.	3 <sup>rd</sup> , 4 <sup>th</sup> Quarters



## APPENDIX G

### OBD Facilities on the Exceptions List (EL)

CALENDAR YEAR 2004

Facility	Parameter(s)	Status (EL)*
<b>Lincolnvile Beach Sanitary Facility MEU503192</b>	BOD, TSS  <b>Actions</b> After getting technical advice from manufacturer and upgrading plant, the system is functioning properly.	3 <sup>rd</sup> , 4 <sup>th</sup> Quarters
<b>MSAD # 52, Turner School MEO101613</b>	BOD TRC, TSS, & E. Coli.  <b>Actions</b> Letter of Warning sent requiring actions to attain compliance. Treatment plant is in good shape, problem lies in operator inexperience and process control. In response the school district has taken actions on system upgrade and further training. The school district has also gotten professional help with the problems. System should be improving soon. Will monitor.	2 <sup>nd</sup> , 3 <sup>rd</sup> Quarters 3 <sup>rd</sup> Quarter (SNC only)
<b>MSAD # 9, Mt. Blue HS MEO101621</b>	BOD  <b>Actions</b> Due to seasonal change and maintenance operations in the school, the plant experienced upsets which the operator made adjustments for and brought it timely into compliance.	1 <sup>st</sup> , 2 <sup>nd</sup> Quarters
<b>Penobscot Elementary School MEO101974</b>	TRC  <b>Actions</b> Problems due to old supply of quick dissolving chlorine tablets. Switched to another type of tablet and have had no violations since.	1 <sup>st</sup> - 4 <sup>th</sup> Quarters
<b>Penobscot Nursing Home MEU502139</b>	TRC BOD Fecal Coliform  <b>Actions</b> Facility is operating with a failed sandfilter. Town is conducting a study to removing 3 in town OBDs along with PNH. Awaiting word from study before recommending remedial action.	2 <sup>nd</sup> - 4 <sup>th</sup> Quarters 2 <sup>nd</sup> Quarter (SNC only) 4 <sup>th</sup> Quarter (SNC only)

## APPENDIX G

### OBD Facilities on the Exceptions List (EL)

CALENDAR YEAR 2004

Facility	Parameter(s)	Status (EL)*
<b>Riverwood Health Care ME0020541</b>	BOD, TSS, Fecal Coliform, ss TRC  <b>Actions</b> New facility is being built at which time the old plant will be removed. New facility should be ready in July or August 2005.	2 <sup>nd</sup> , 3 <sup>rd</sup> Quarters 3 <sup>rd</sup> Quarter (SNC only)
<b>Robinhood Marina MEU504947</b>	BOD TSS  <b>Actions</b> Poor facility performance due to new operator inexperience. Replaced operator and system is improving. Will closely monitor.	1 <sup>st</sup> - 3 <sup>rd</sup> Quarters 1 <sup>st</sup> - 4 <sup>th</sup> Quarters
<b>School Union #15 OBD</b>	Total Suspended Solids  <b>Actions</b> Transition from summer vacation to full session resulted in treatment plant violations. DEP has worked with school's consultant and contract operator to remedy the situation.	3 <sup>rd</sup> , 4 <sup>th</sup> Quarters
<b>Smuggler's Cove MEU502399</b>	TRC  <b>Actions</b> Disinfection system changed from tablet to liquid injection, had to work bugs out of it. OK at year's end.	3 <sup>rd</sup> , 4 <sup>th</sup> Quarters
<b>St. AndreHealth Care MEU501492</b>	BOD  <b>Actions</b> Maintenance found septic tank outlet baffles were gone. New ones were installed and treatment improved by next report.	1 <sup>st</sup> , 2 <sup>nd</sup> Quarters

## APPENDIX G

### OBD Facilities on the Exceptions List (EL)

CALENDAR YEAR 2004

Facility	Parameter(s)	Status (EL)*
<b>Stinson Seafood MEU507935</b>	TSS	1 <sup>st</sup> - 4 <sup>th</sup> Quarters
	Fecal Coliform	3 <sup>rd</sup> , 4 <sup>th</sup> Quarters
	<b>Actions</b> Facility had been operating with old treatment plant. System replaced with new one which operates very well.	
<b>Veterans Administration Togus</b>	Silver, Copper,	1 <sup>st</sup> , 2 <sup>nd</sup> Quarters
	Lead	1 <sup>st</sup> - 4 <sup>th</sup> Quarters
	<b>Actions</b> DEP pursuing enforcement action through a consent agreement. VA in the process of putting together a water effects ratio to re-evaluate the effect of their discharge into Togus Stream. This report needs to be reviewed by both EPA and DEP. Have recently submitted an alternatives analysis and a report evaluating copper violations and likely sources.	

\* The Status column indicates the quarters of the year in which the violation(s) occurred or EL criteria were triggered.

## APPENDIX H

### OBD Facilities in Significant Non-Compliance (SNC)

CALENDAR YEAR 2004

Facility	Parameter(s)	Status (SNC)*
<b>East Wind Inc. MEU501988</b>	BOD, TSS, SS Fecal Coli.  <b>Actions</b> Violations due in due to lack of maintenance and mechanical issues. Owner told to bring system into compliance. In response a contractor has been hired contractor to review and recommend actions and investigate subsurface disposal.	3 <sup>rd</sup> Quarter 2 <sup>nd</sup> Quarter
<b>Five Gables Inn MEU504016</b>	TRC  <b>Actions</b> Have worked closely with owner to bring Cl residuals into range. Have occasional exceedences, hard to regulate with tablet chlorinator. Owner is diligent in testing and chlorinating, using best type of chlorine and application. Increasing monitoring frequency may help.	3 <sup>rd</sup> Quarter
<b>Friendly Village</b>	Total Suspended Solids  <b>Actions</b> Plans are for this outfall to be removed and replaced by an onsite underground system.	2 <sup>nd</sup> - 4 <sup>th</sup> Quarters
<b>John DiSanto MEU504335</b>	TSS  <b>Actions</b> Plant usually operates well, but experiences seasonal upsets due to weather and loading. Is looked after weekly by service contractor and routinely by owner. It's hard to maintain balance when system fluctuates so. Only solution may be a different type of treatment plant, which is very costly. Will monitor closely.	2 <sup>nd</sup> Quarter

## APPENDIX H

### OBD Facilities in Significant Non-Compliance (SNC)

CALENDAR YEAR 2004

Facility	Parameter(s)	Status (SNC)*
<b>North End Assoc. MEU5024250</b>	TRC  <b>Actions</b> Contract operator switched to different type of chlorine tablets to get better bacteria kill. No fecal violations but exceeded Cl residuals. Will need to try yet another type of chlorine tablets or dosing. Letter to that effect will be sent out before start of season.	3 <sup>rd</sup> Quarter
<b>Sunday River</b>	Biochemical Oxygen Demand  <b>Actions</b> Monitoring results documented an unusually high influent BOD loading to the wastewater treatment facility. Permittee has hired an engineering consultant to investigate/evaluate the influent and effluent	1 <sup>st</sup> , 2 <sup>nd</sup> Quarters
<b>Washington County VTI MEU501339</b>	Fecal Coli  <b>Actions</b> No real explanation for 1 such high number when rest of the year has been very low. Contract operator sent letter to maintenance staff about proper sampling techniques, numbers very good after that.	3 <sup>rd</sup> Quarter
<b>Pride MFG ME0021351</b>	TRC  <b>Actions</b> Letter from contract operator to plant operator regarding placement and dosage of chlorine tablets to keep residuals in line with license conditions. Monitoring.	3 <sup>rd</sup> Quarter